

Program EVALPLOT
(Version 2015-2)

by

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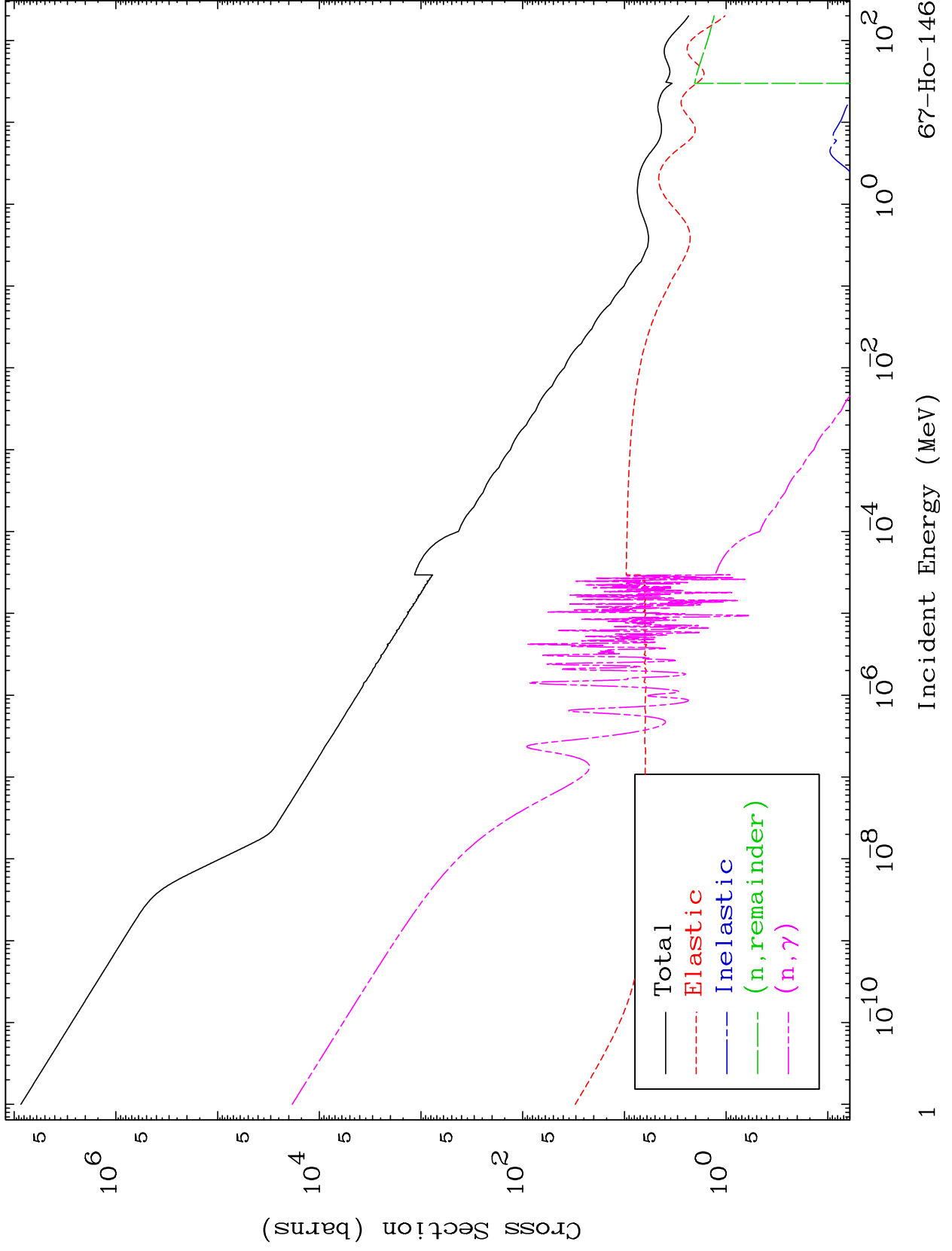
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 6668

Major
293 Kelvin Cross Sections

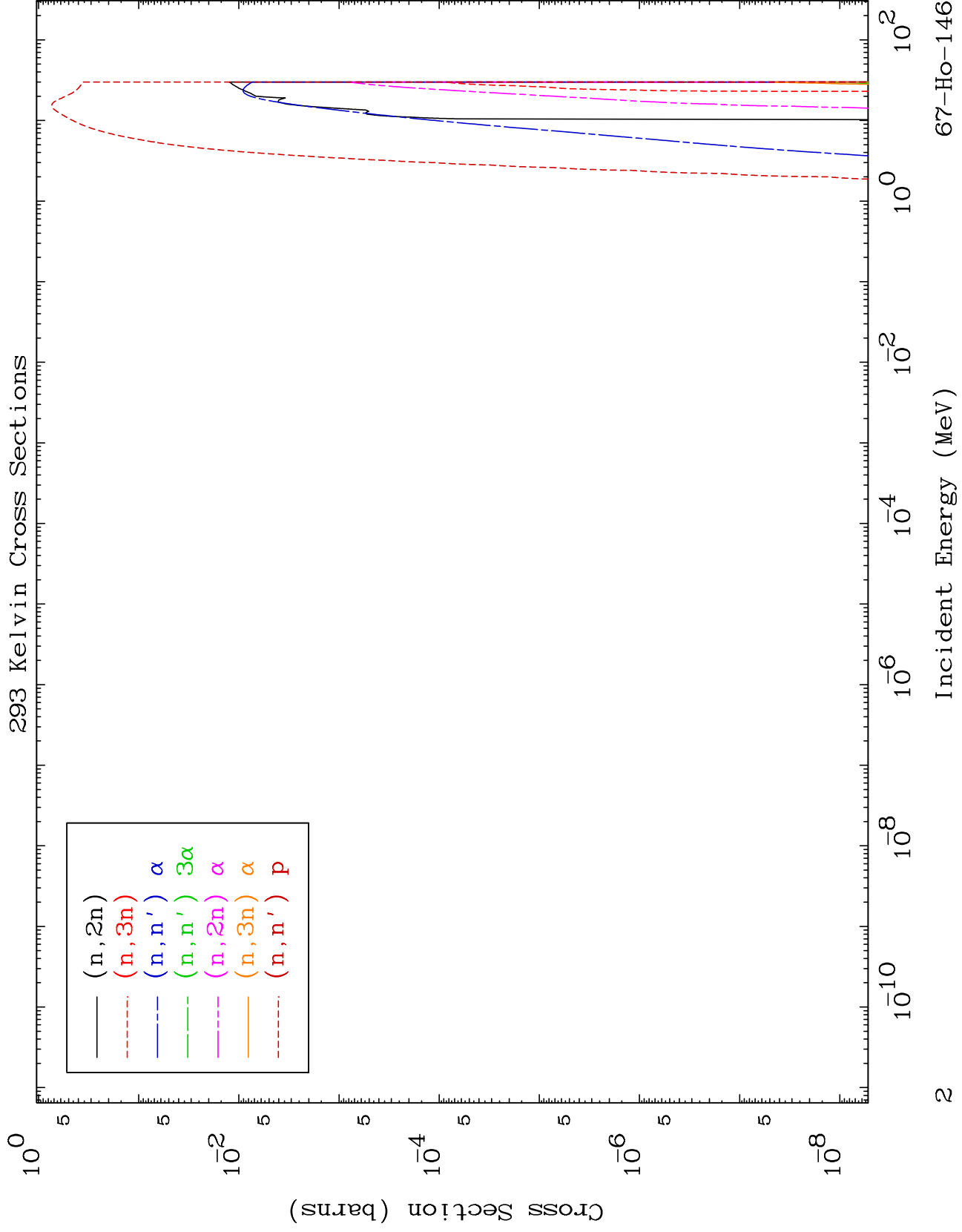
67-Ho-146



MAT 6668

Neutron Production
293 Kelvin Cross Sections

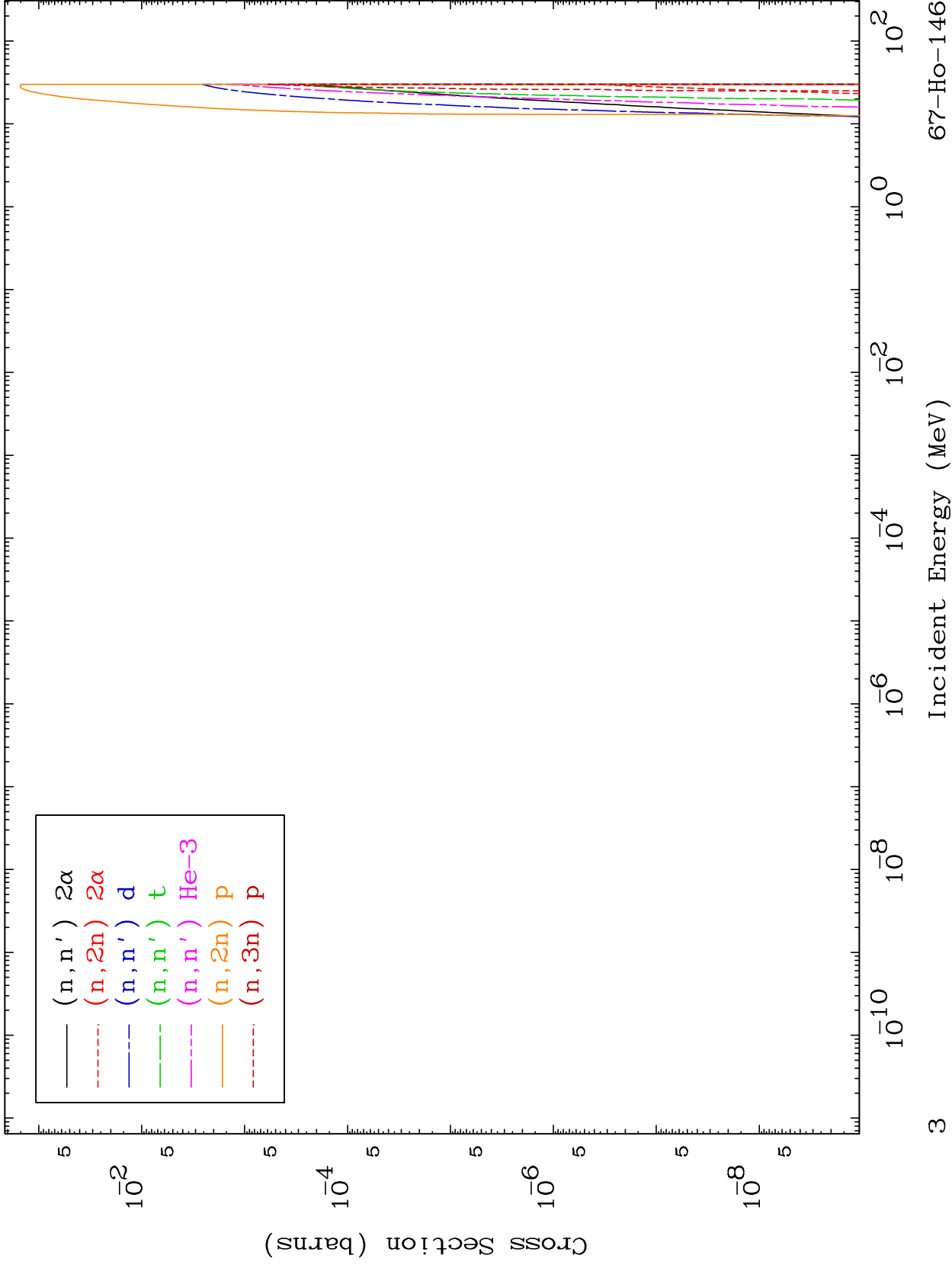
67-Ho-146



MAT 6668

Neutron Production
293 Kelvin Cross Sections

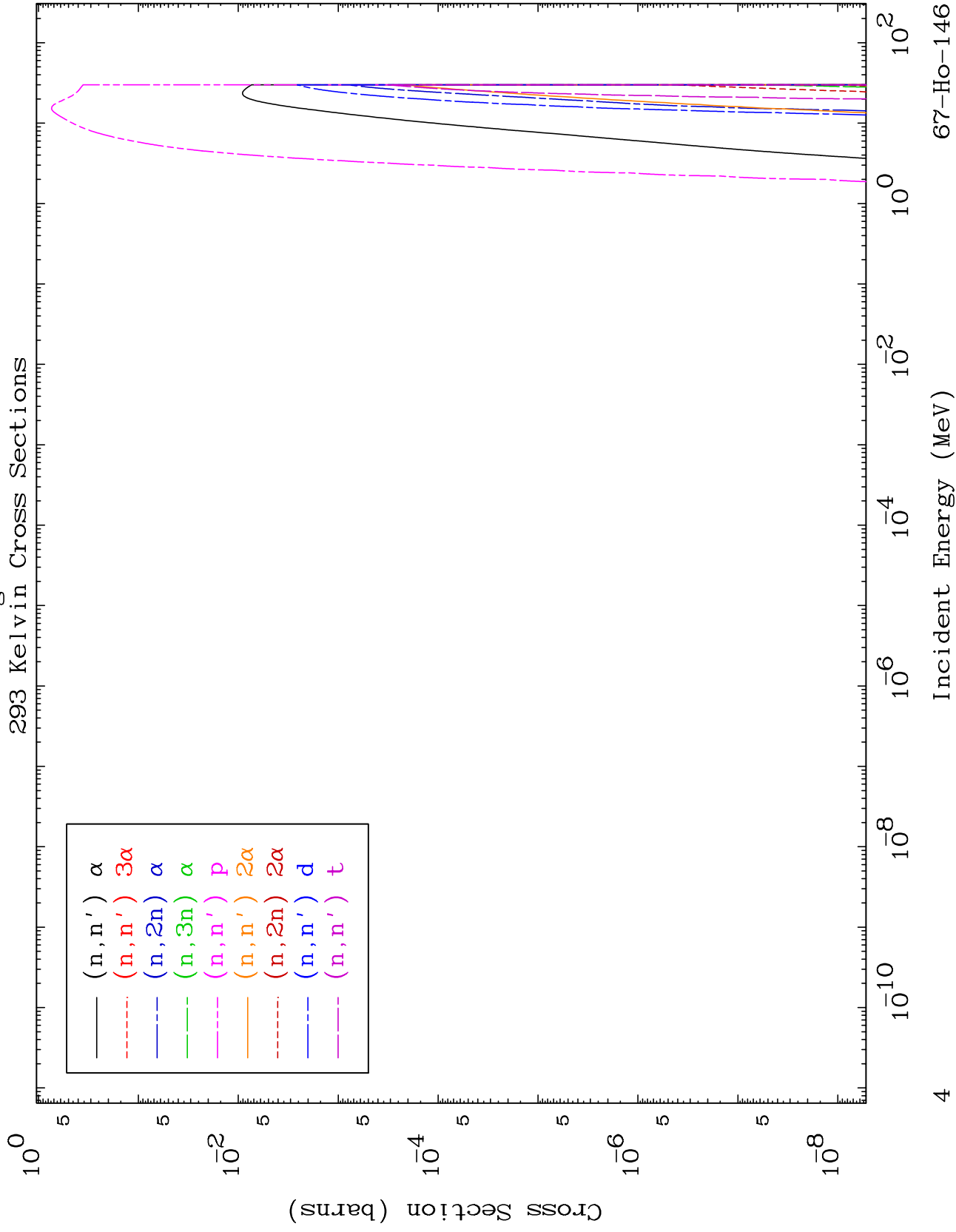
67-Ho-146



MAT 6668

Charged Particle
293 Kelvin Cross Sections

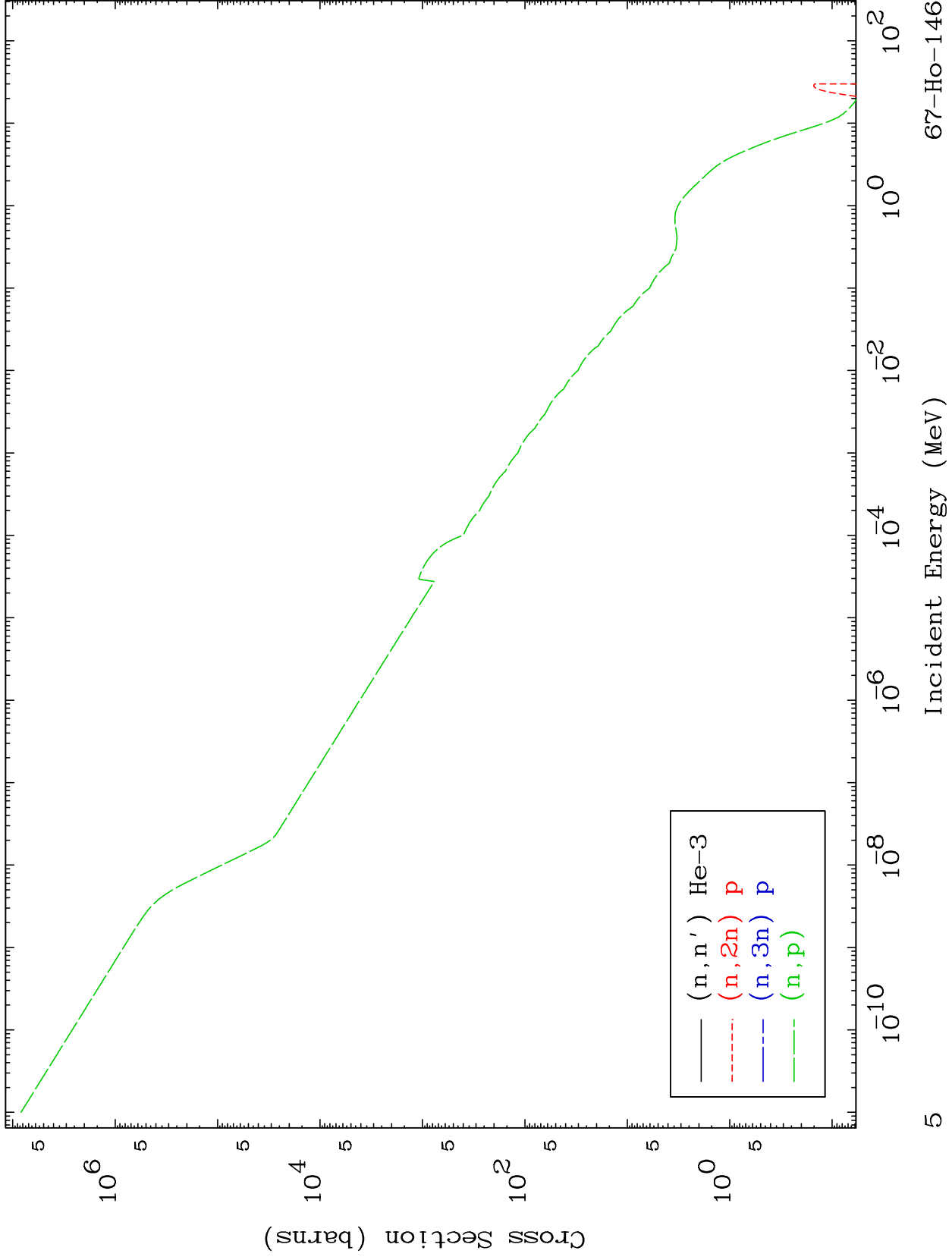
67-Ho-146

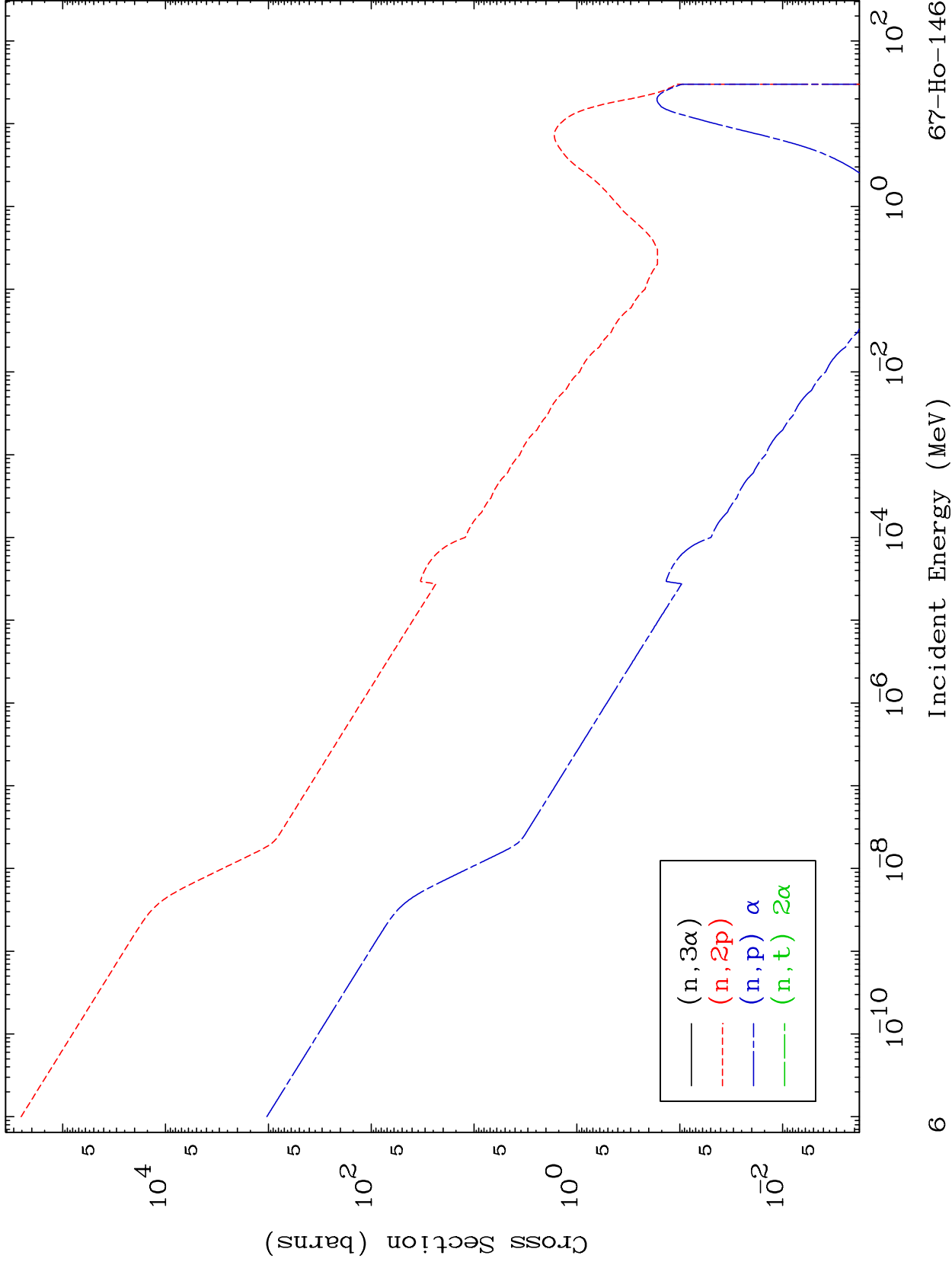


MAT 6668

Charged Particle
293 Kelvin Cross Sections

67-Ho-146

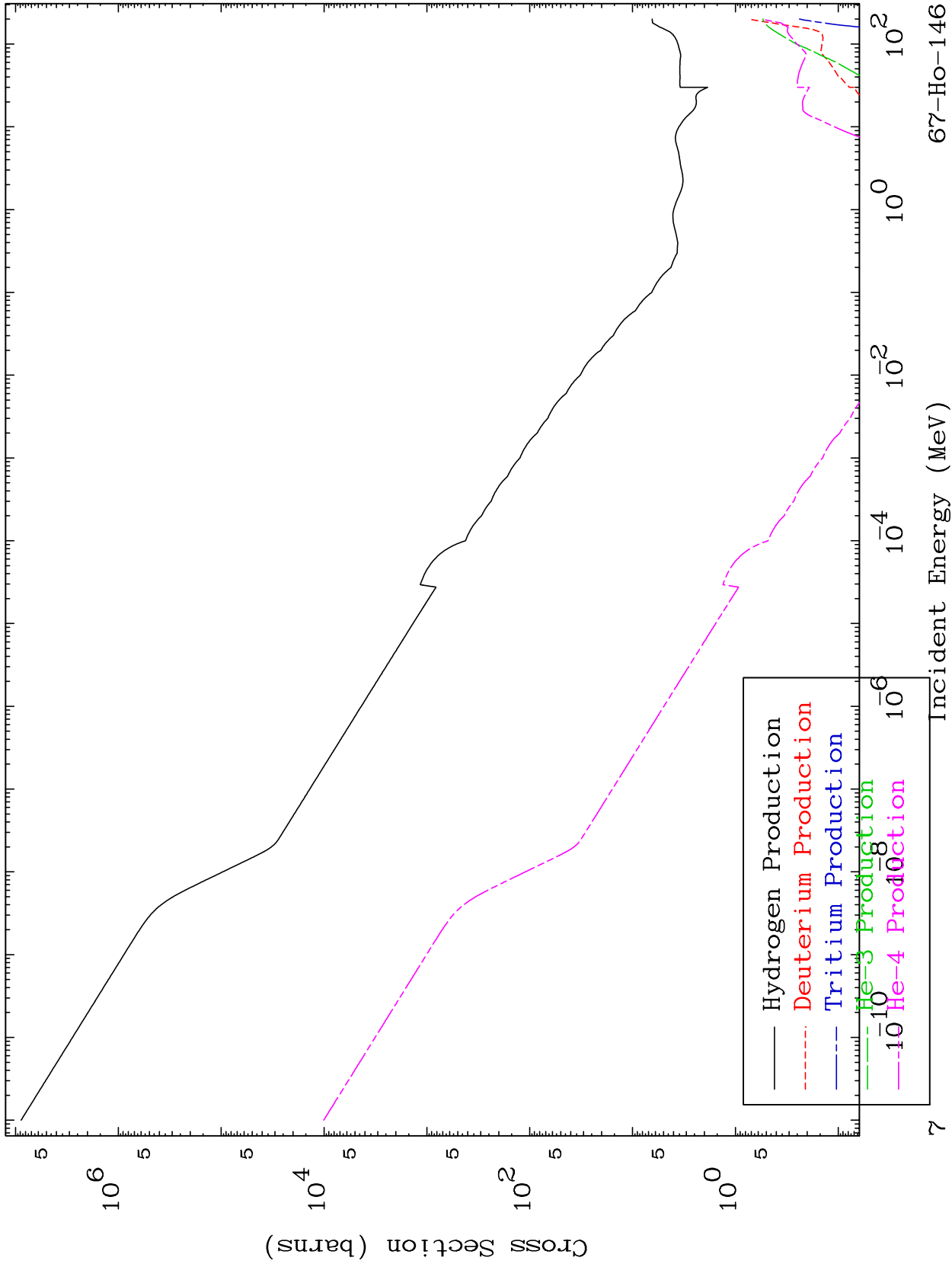




MAT 6668

Particle Production
293 Kelvin Cross Sections

67-Ho-146



67-Ho-146

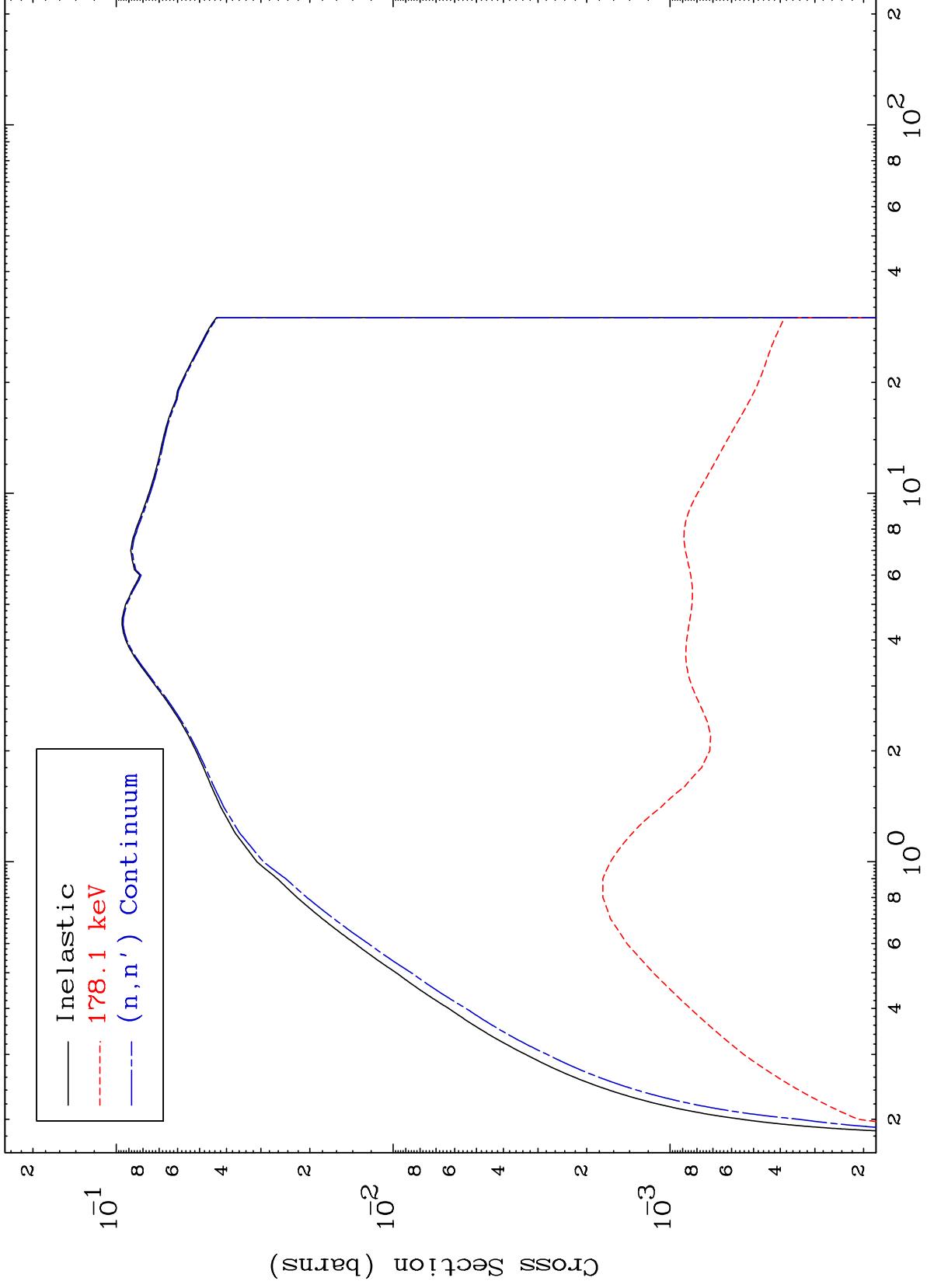
Incident Energy (MeV)

7

MAT 6668

(n,n') Level
293 Kelvin Cross Sections

67-Ho-146



8

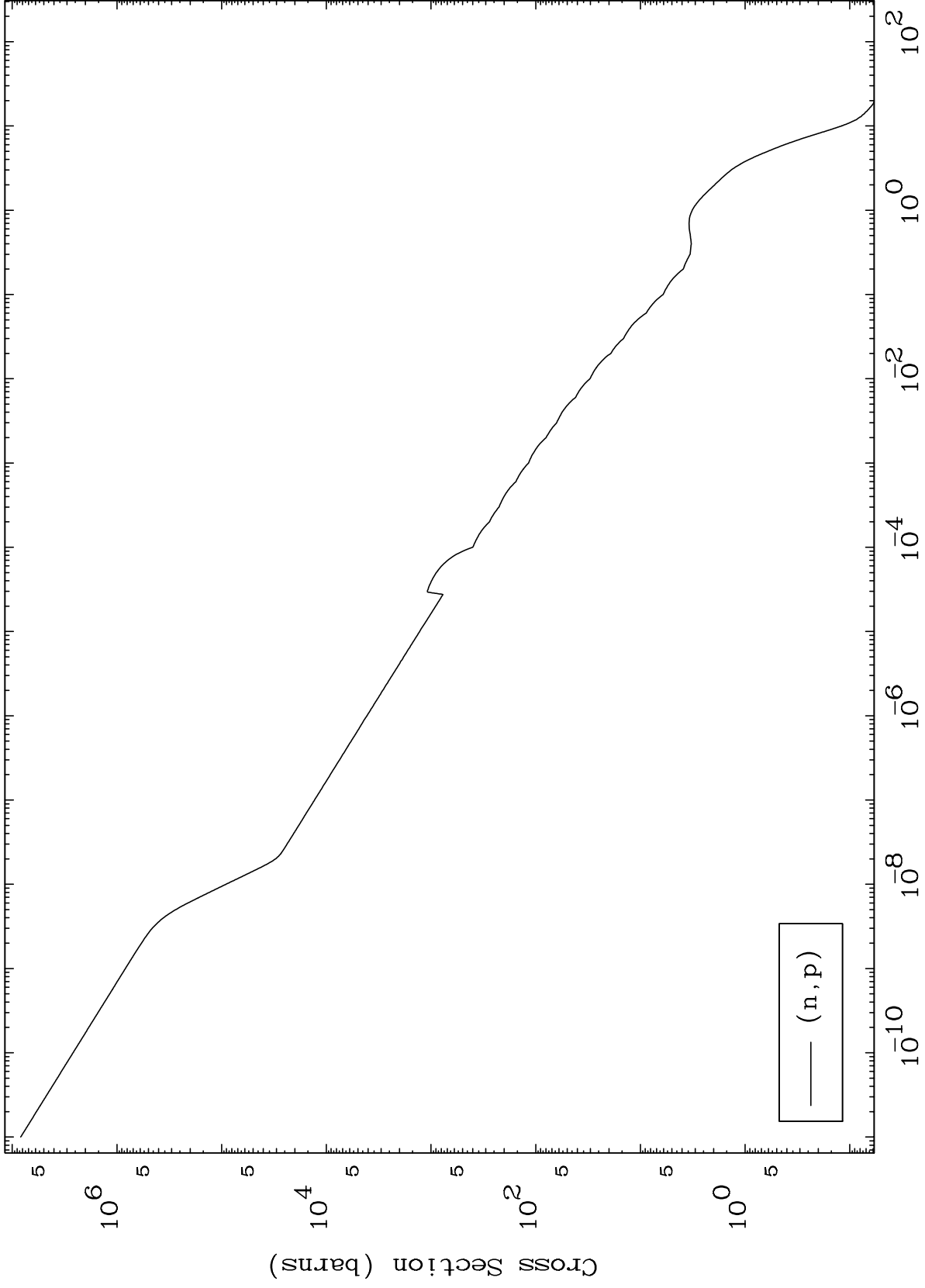
Incident Energy (MeV)

67-Ho-146

MAT 6668

(n,p) Levels
293 Kelvin Cross Sections

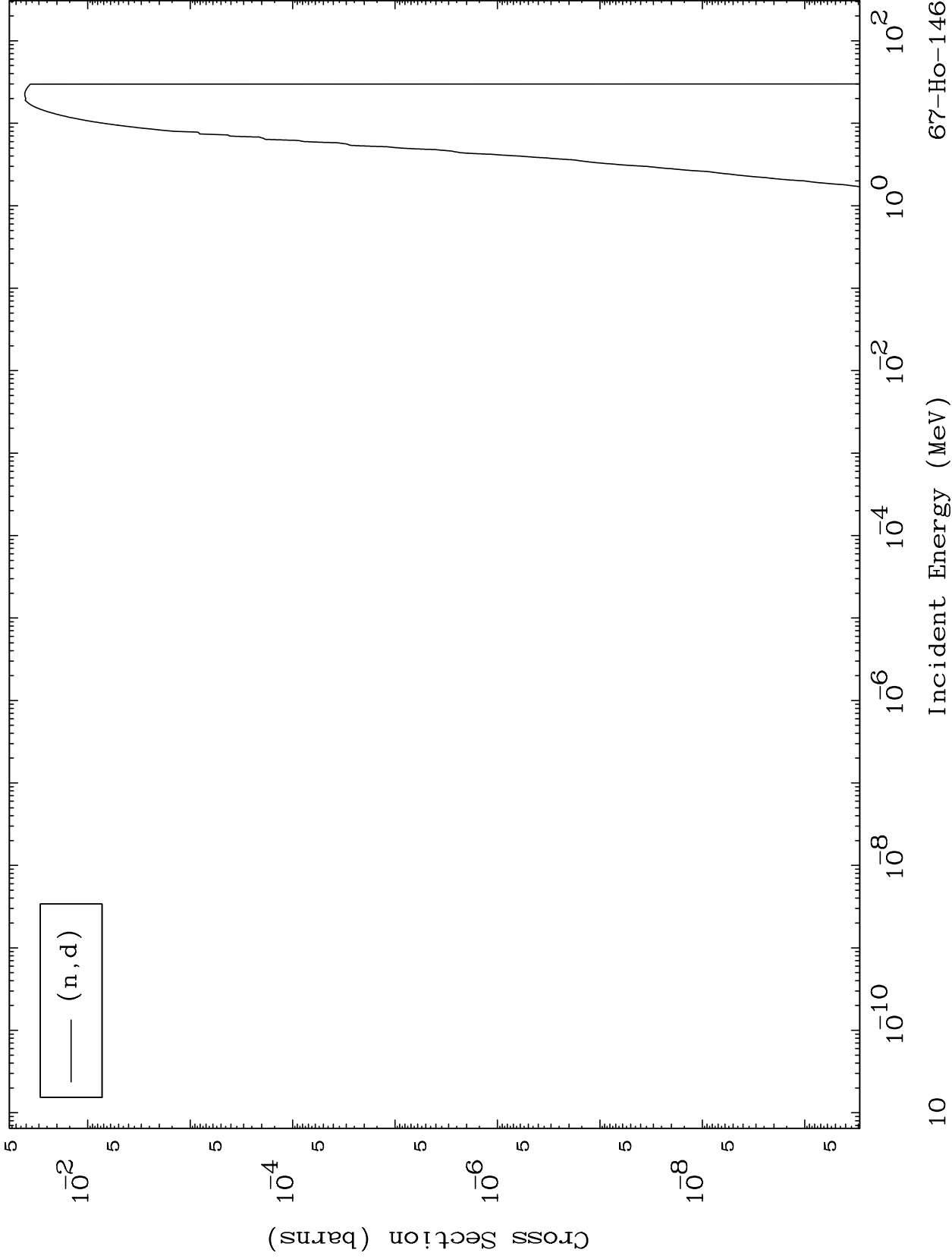
67-Ho-146



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(n,d) Levels
293 Kelvin Cross Sections

67-Ho-146



10

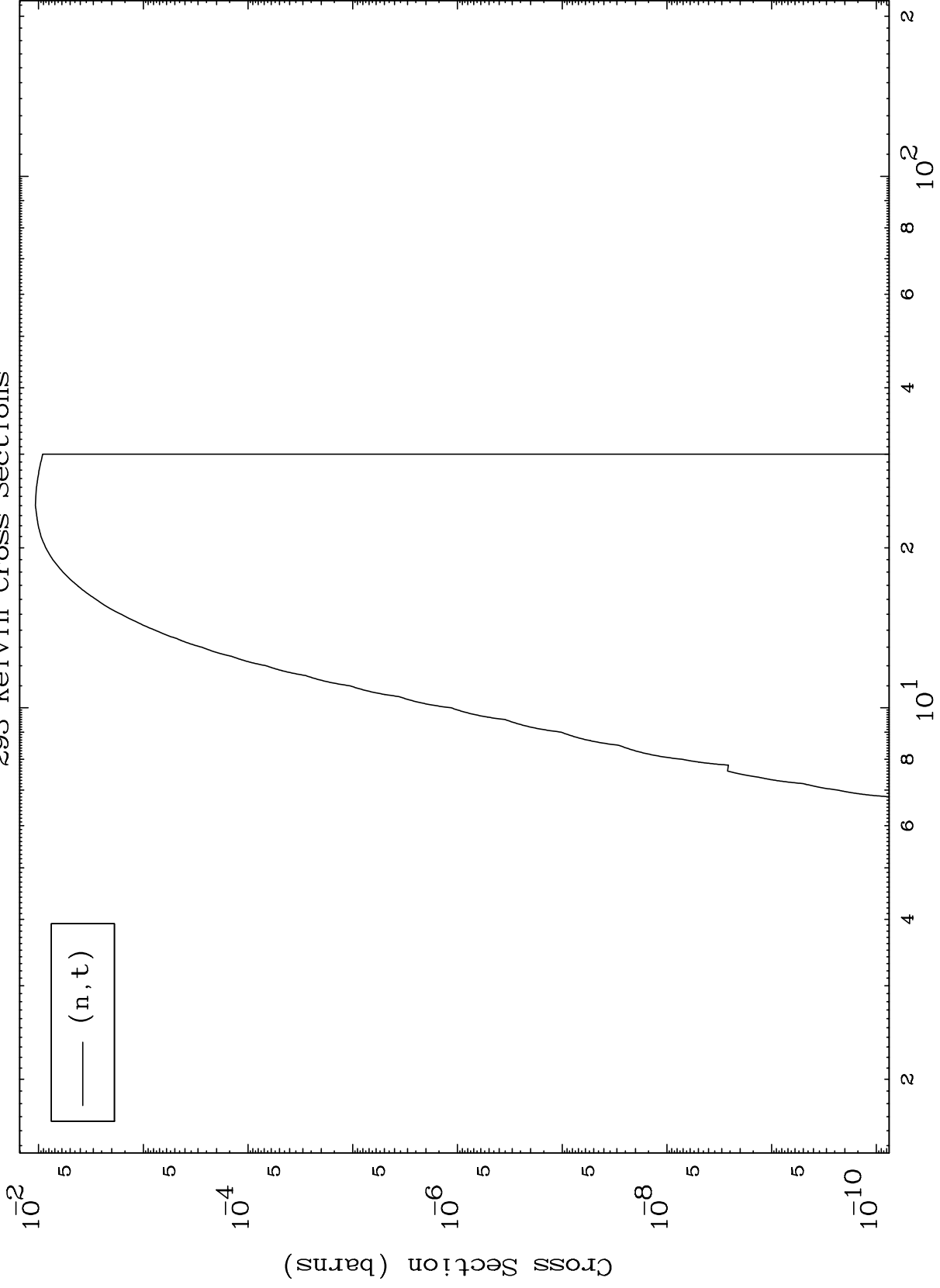
Incident Energy (MeV)

67-Ho-146

MAT 6668

(n,t) Levels
293 Kelvin Cross Sections

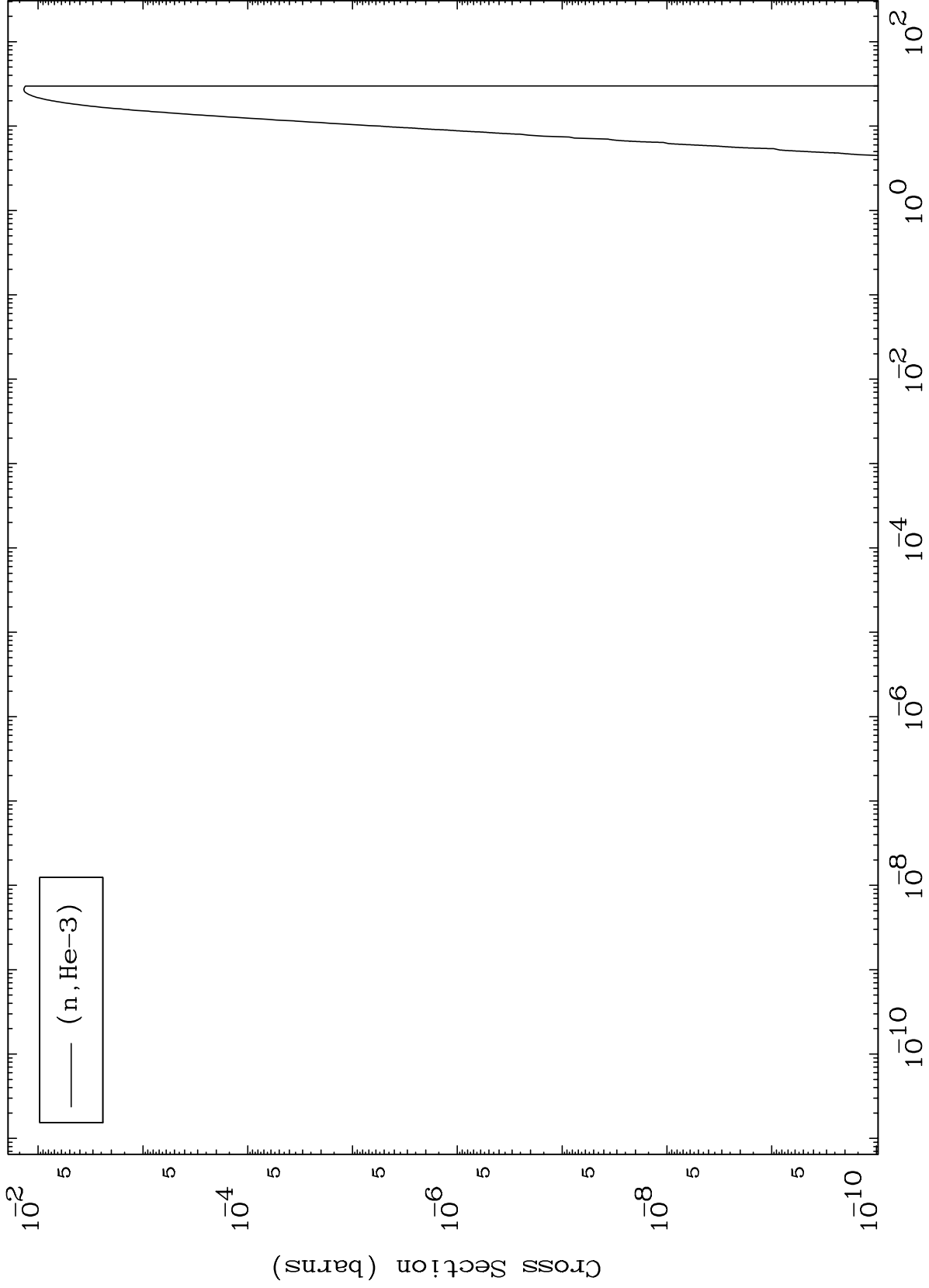
67-Ho-146



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(n,He3) Levels
293 Kelvin Cross Sections

67-Ho-146

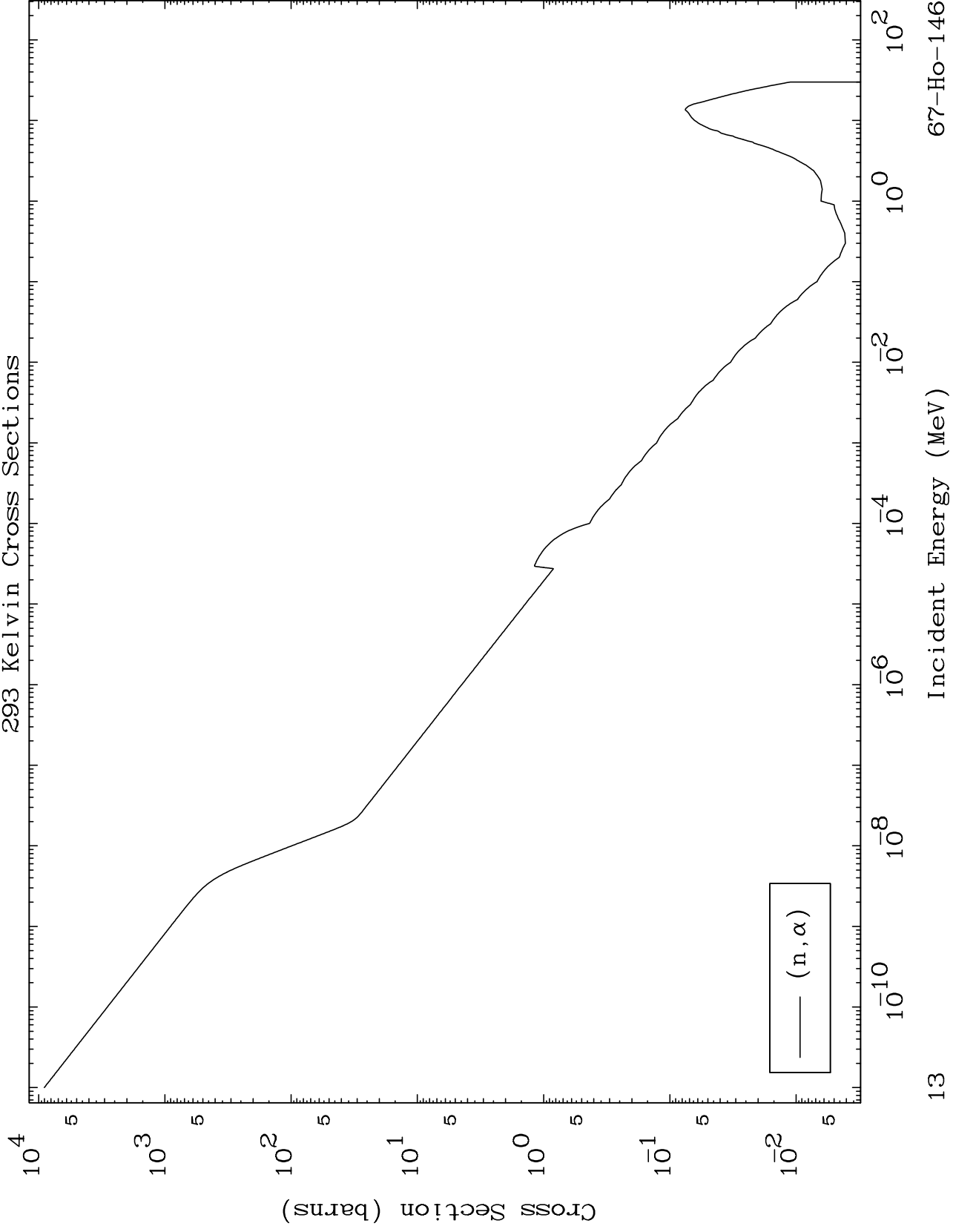


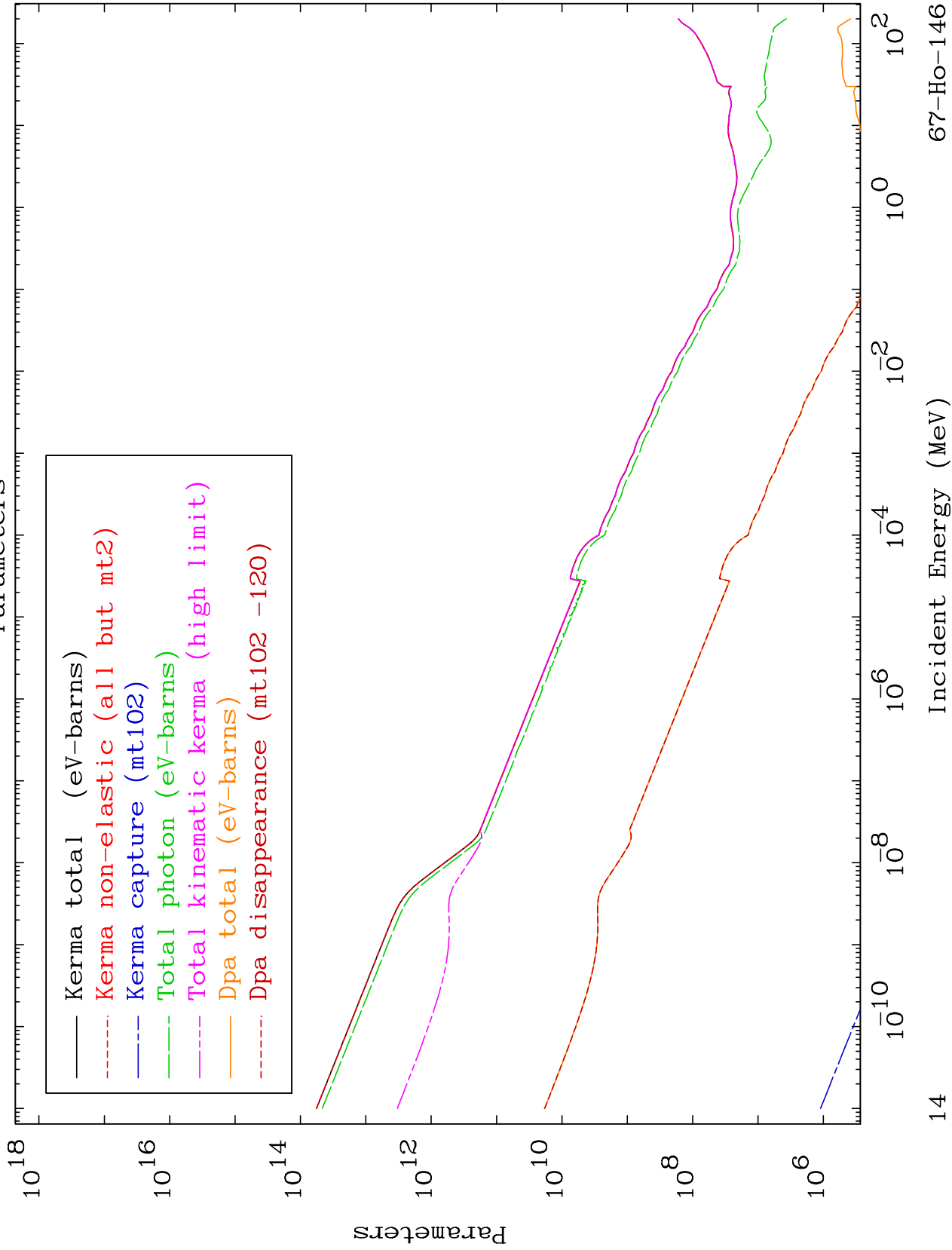
(n, He-3)

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(n,α) Levels
293 Kelvin Cross Sections

67-Ho-146

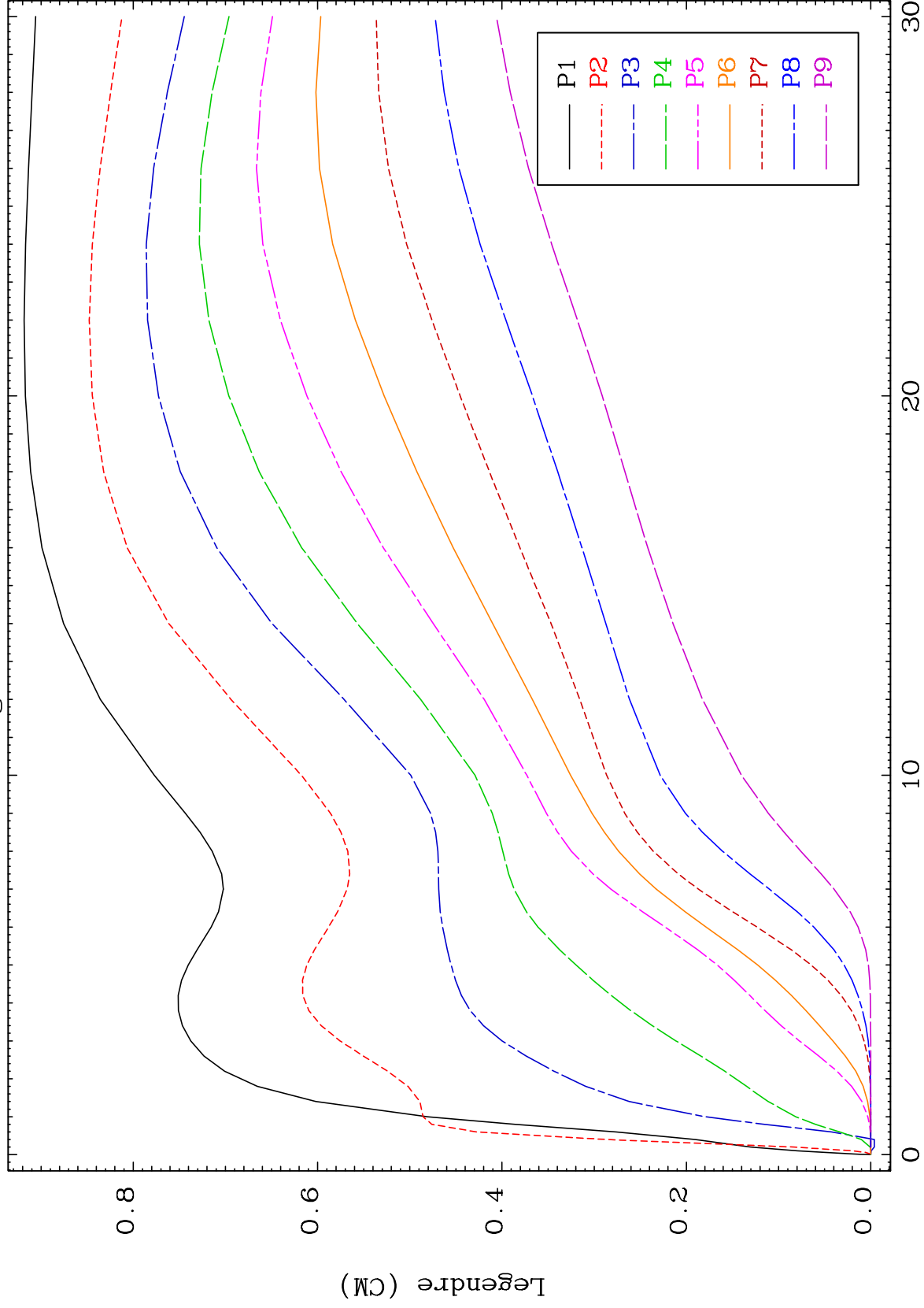




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Elastic Legendre Coefficients

67-Ho-146



15

Incident Energy (MeV)

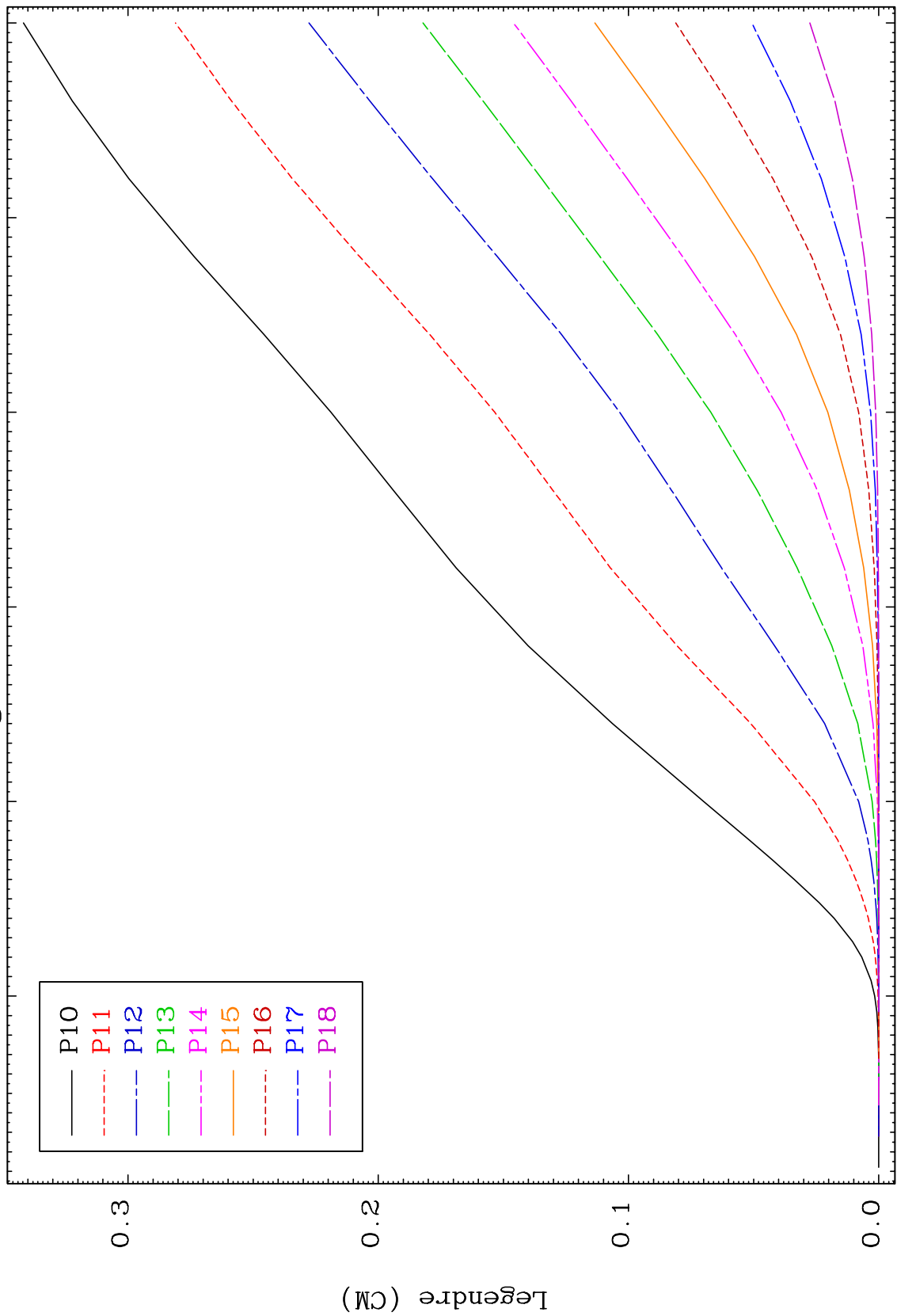
67-Ho-146

30

MAT 6668

Elastic Legendre Coefficients

67-Ho-146



16

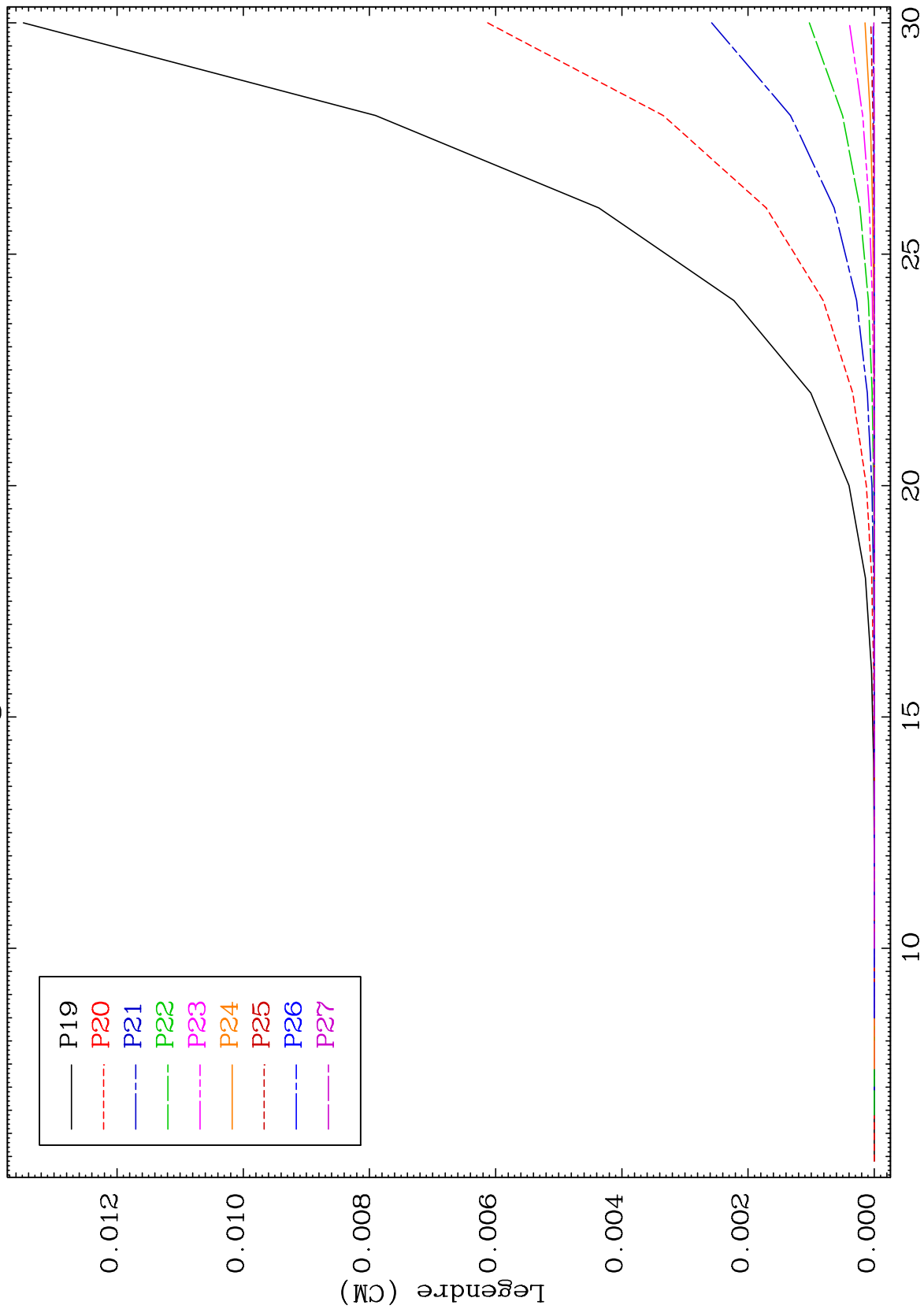
Incident Energy (MeV)

67-Ho-146

MAT 6668

Elastic Legendre Coefficients

67-Ho-146



17

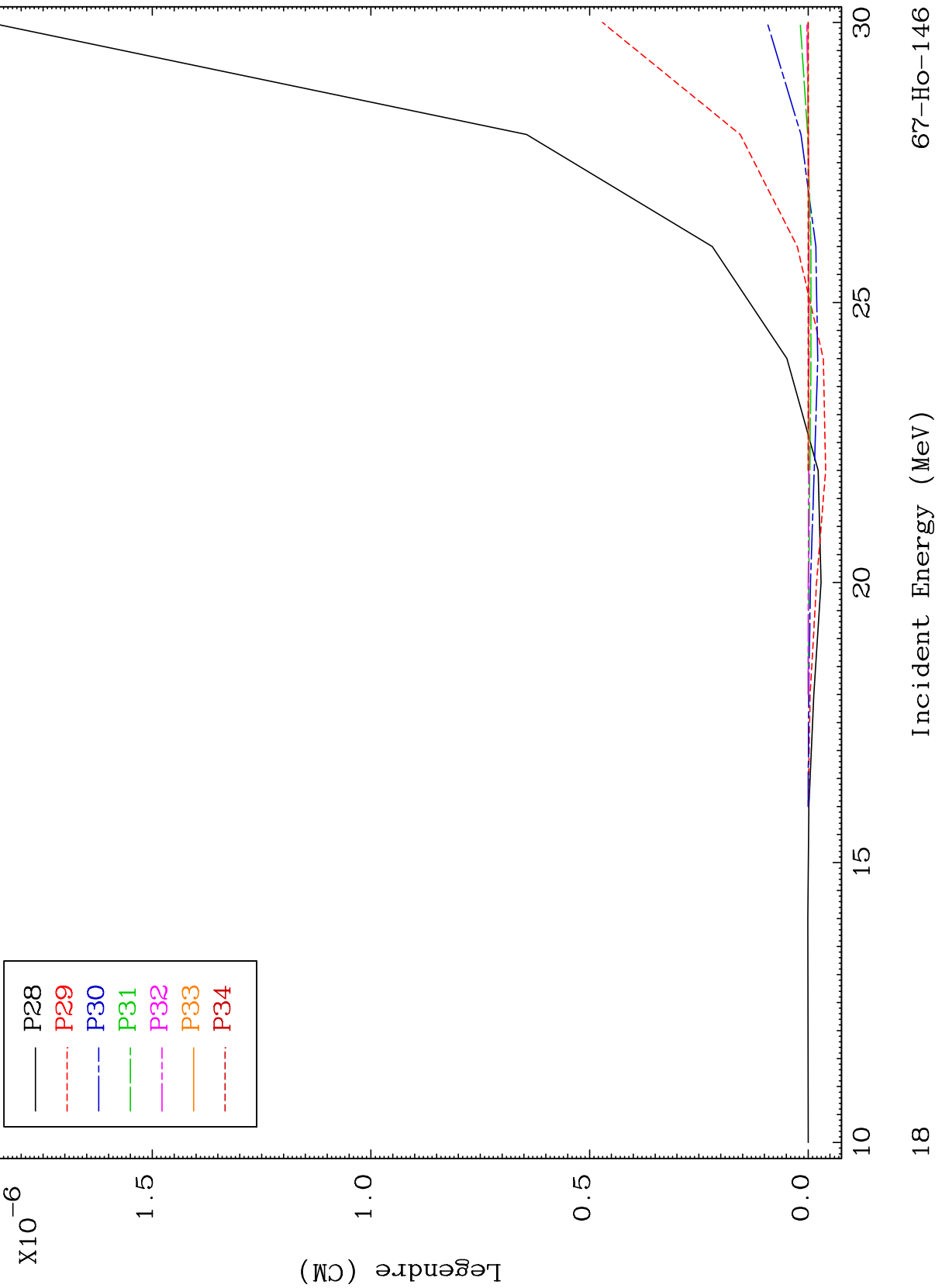
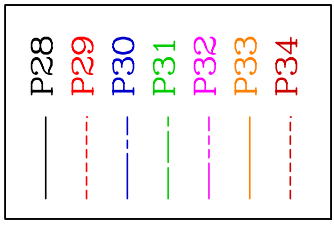
Incident Energy (MeV)

67-Ho-146

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Elastic
Legendre Coefficients

67-Ho-146



67-Ho-146

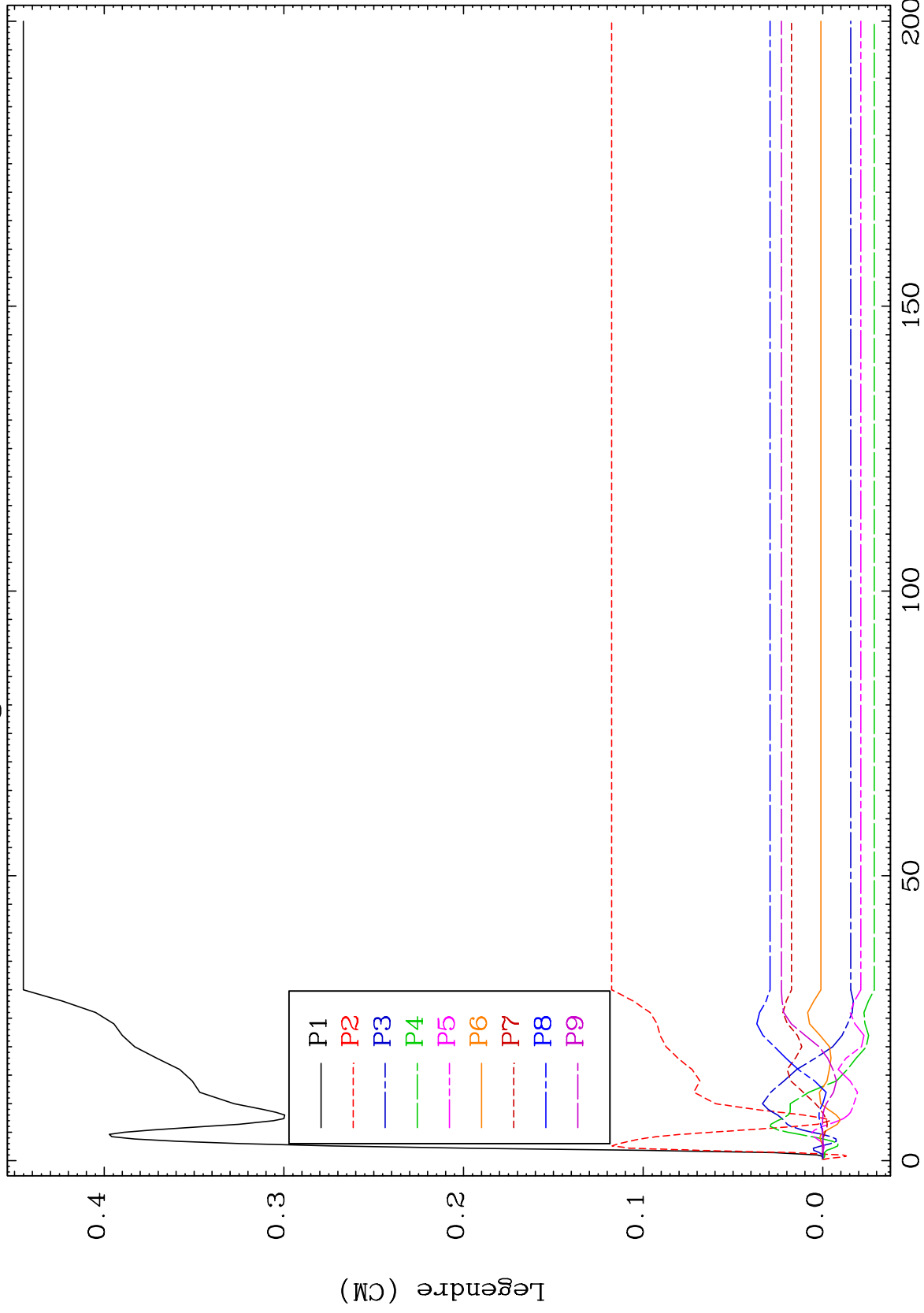
Incident Energy (MeV)

18

MAT 6668

178.1 keV (n,n') Level
Legendre Coefficients

67-Ho-146



19

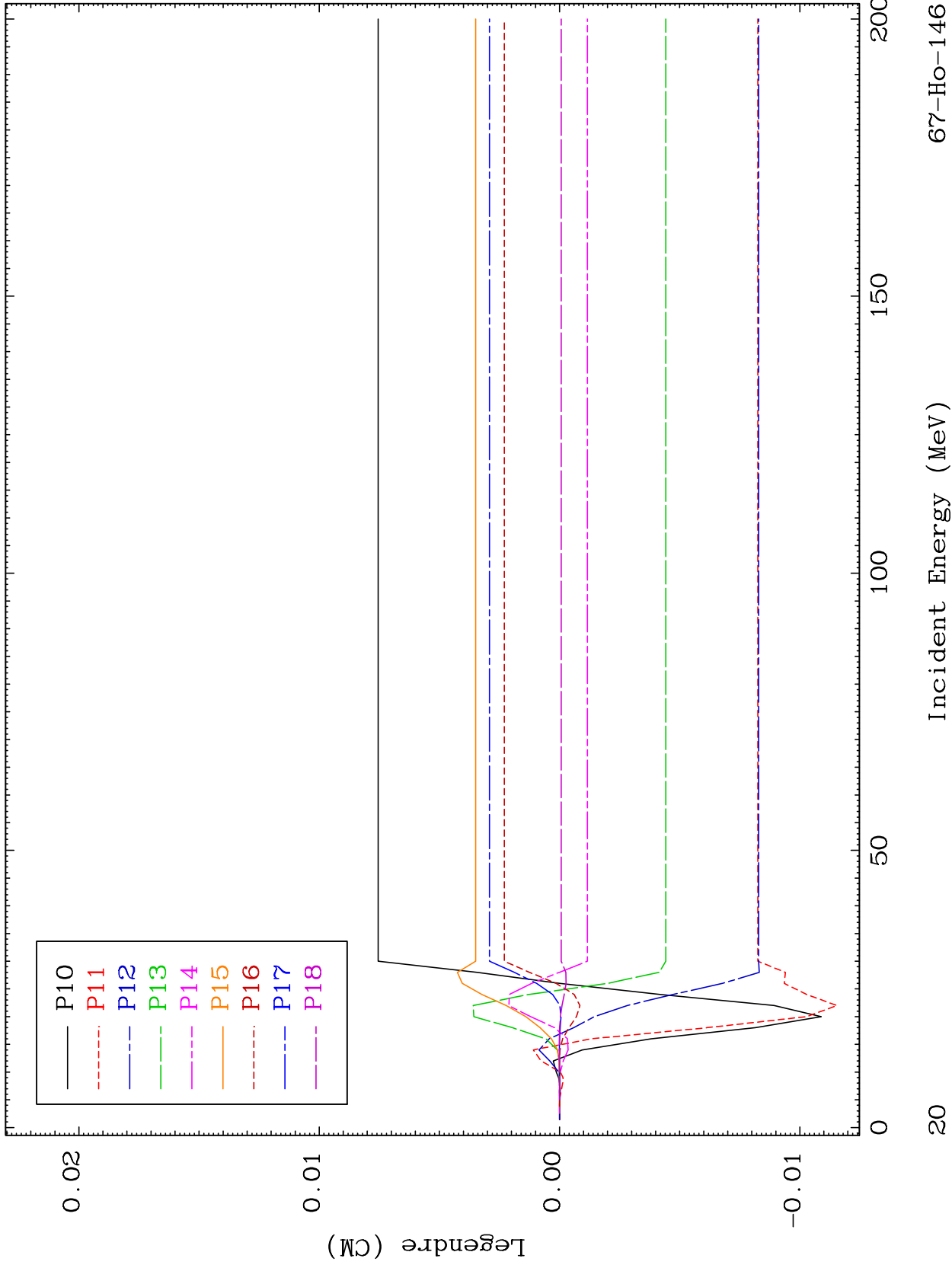
Incident Energy (MeV)

67-Ho-146

MAT 6668

178.1 keV (n,n') Level
Legendre Coefficients

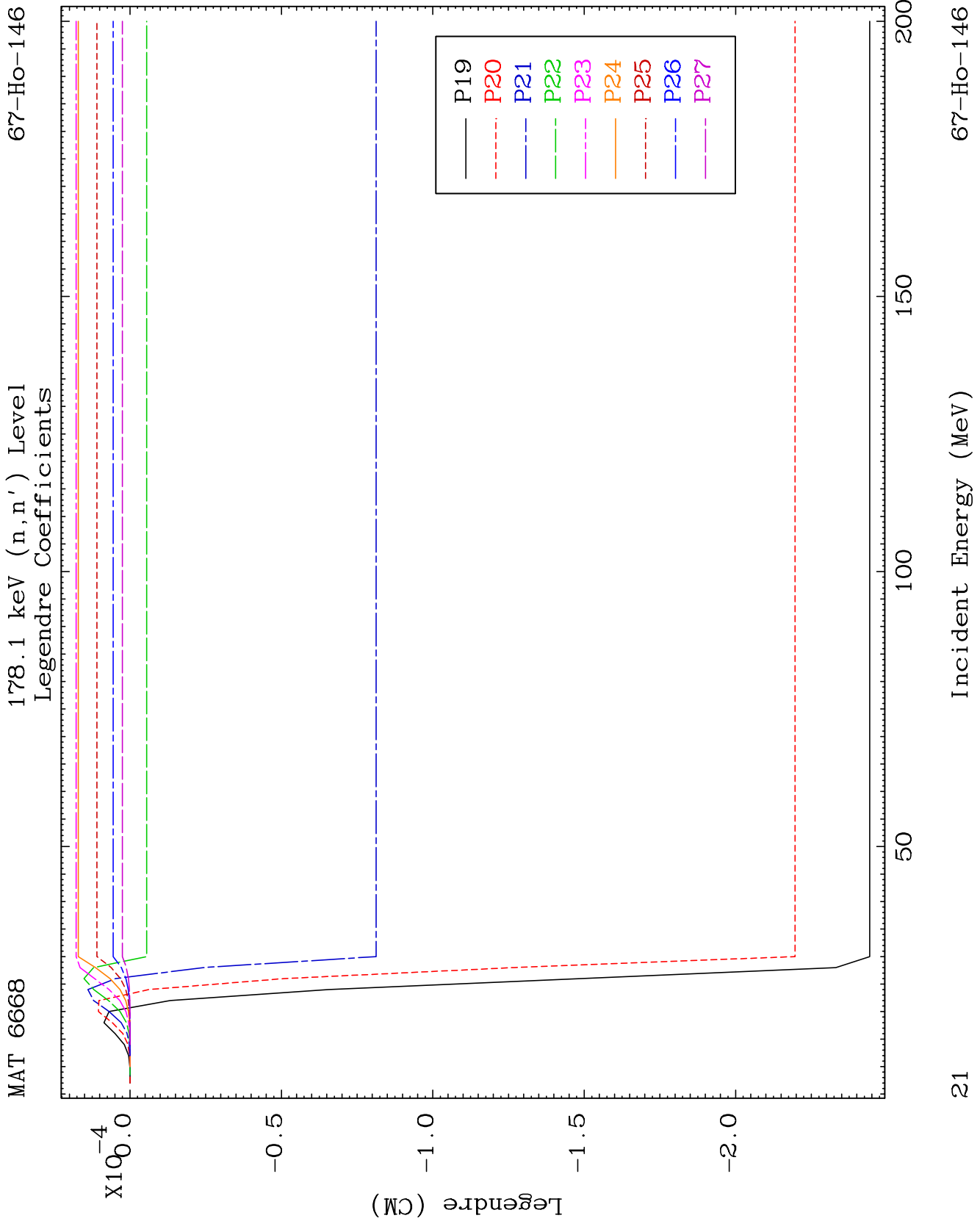
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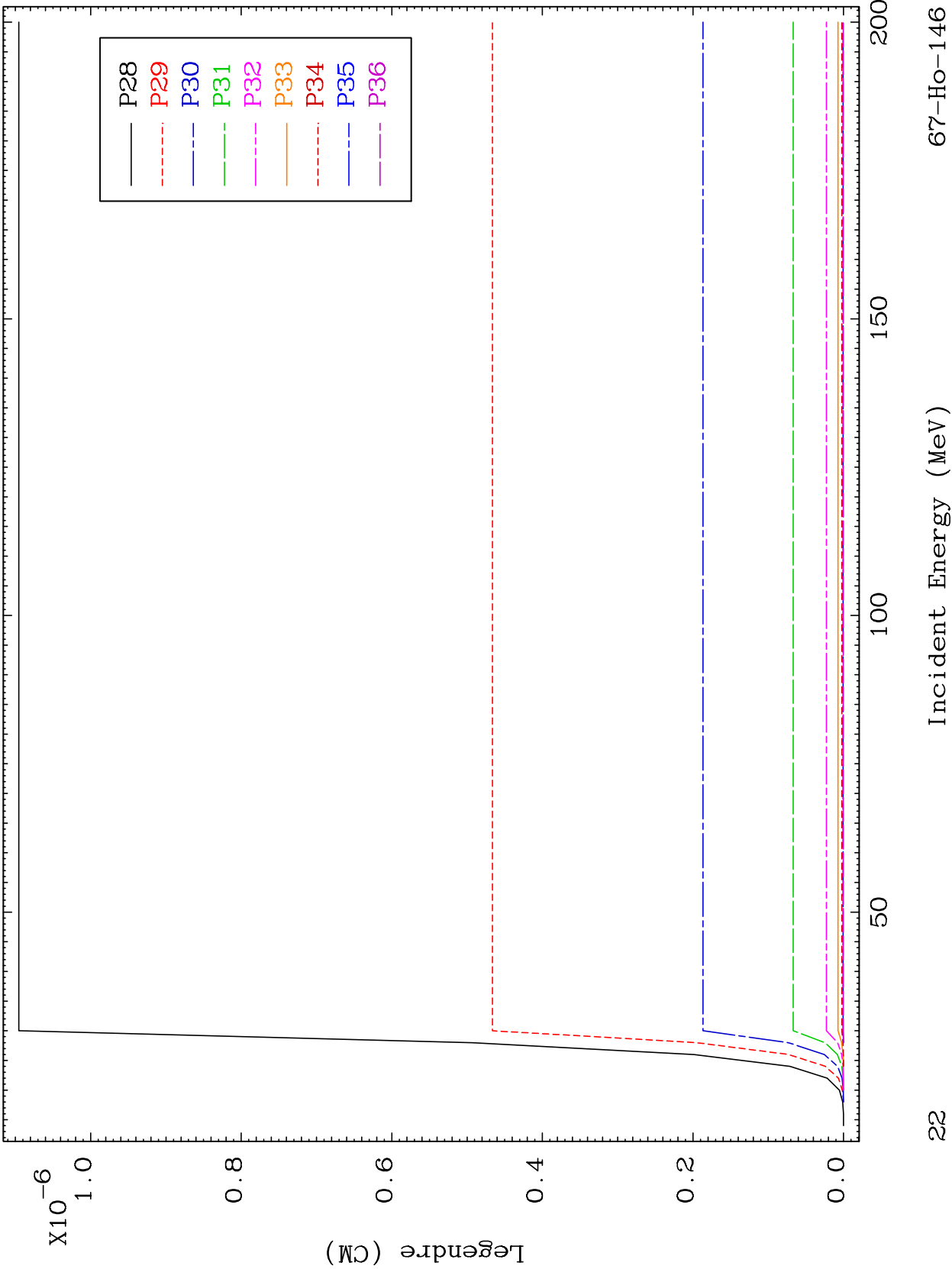


67-Ho-146

Incident Energy (MeV)

20



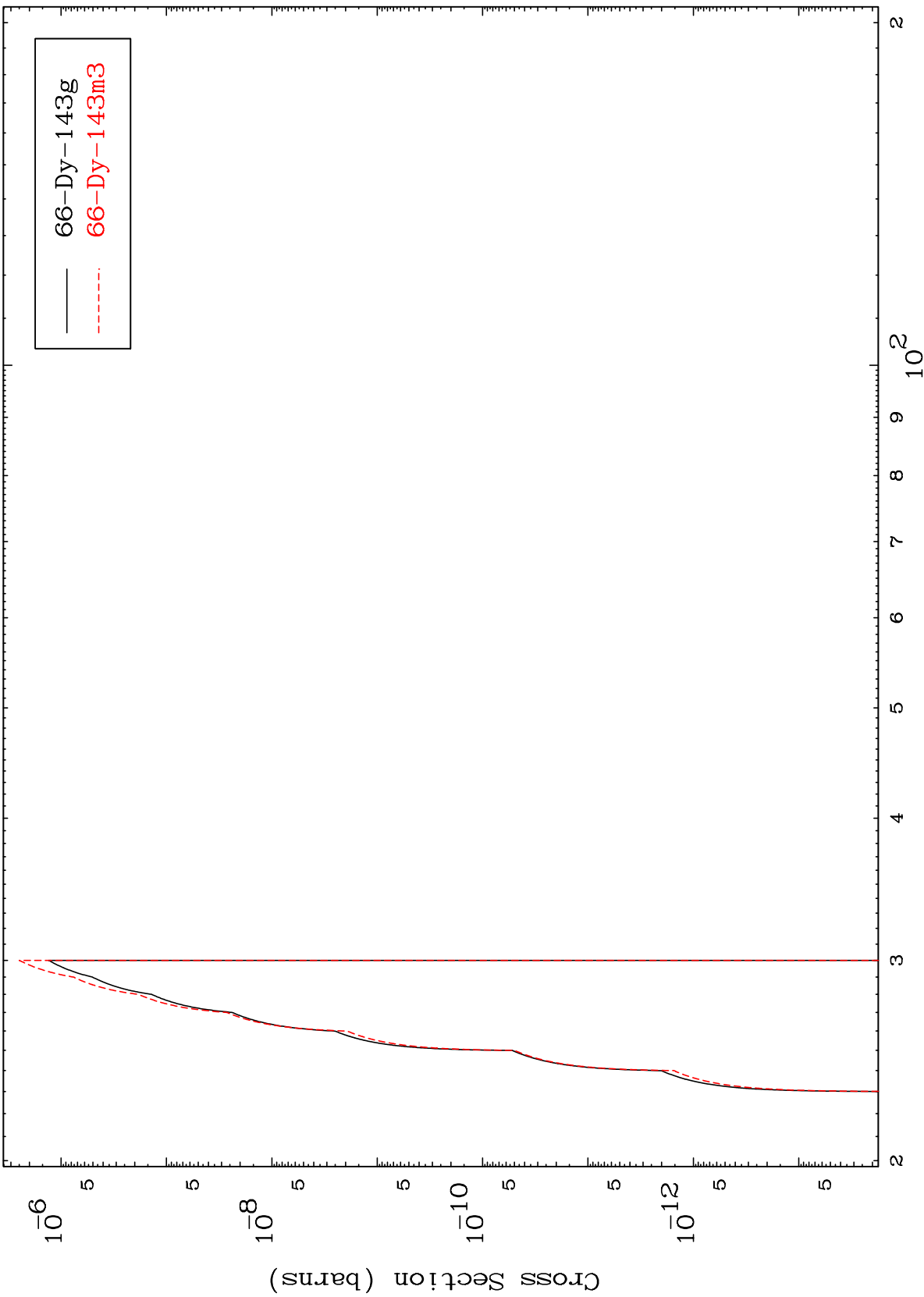


MAT 6668

(n,2n) d

67-Ho-146

Radionuclide Production Cross Section



23

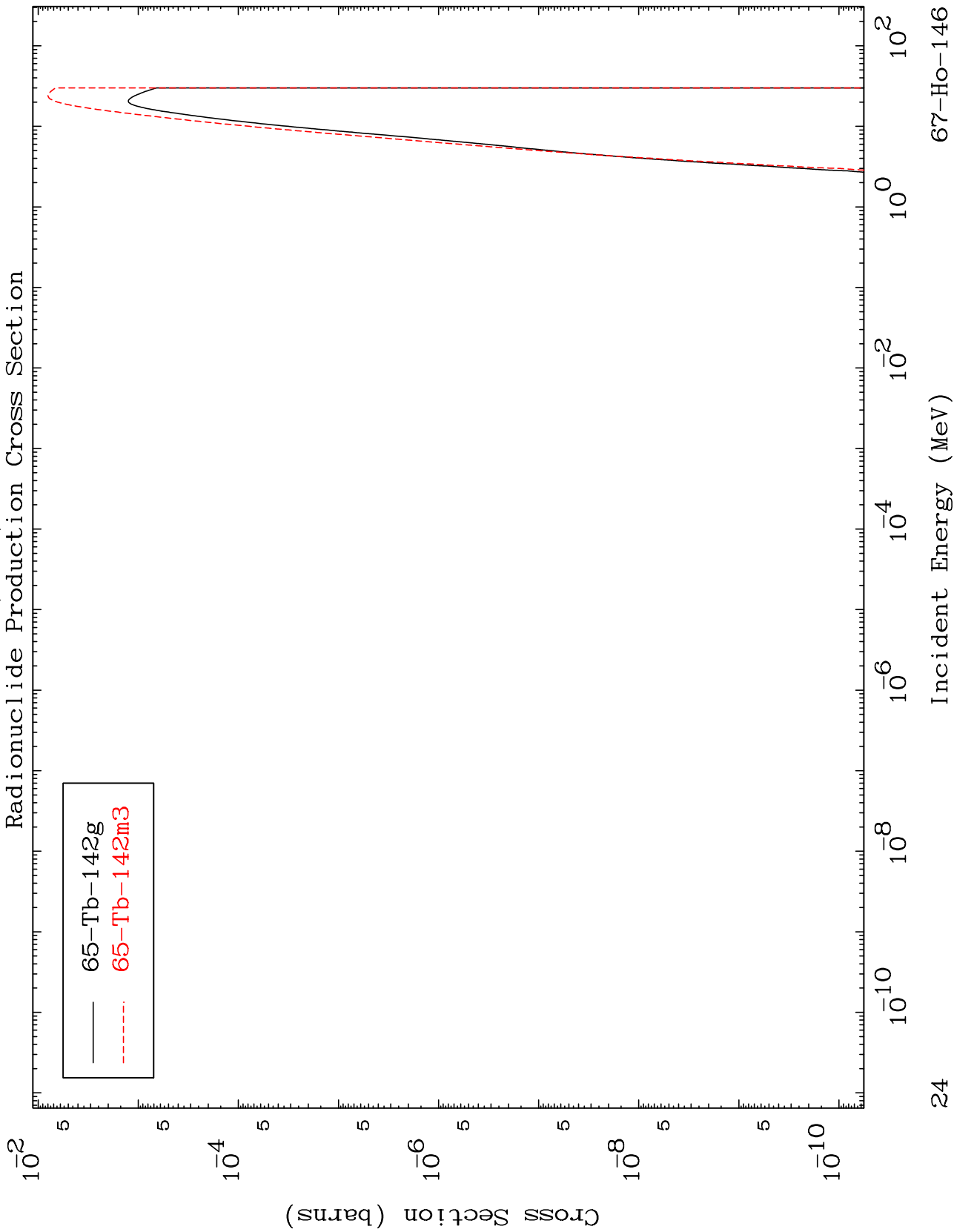
Incident Energy (MeV)

67-Ho-146

MAT 6668

$(n, n') \alpha$

$^{67}\text{Ho-146}$

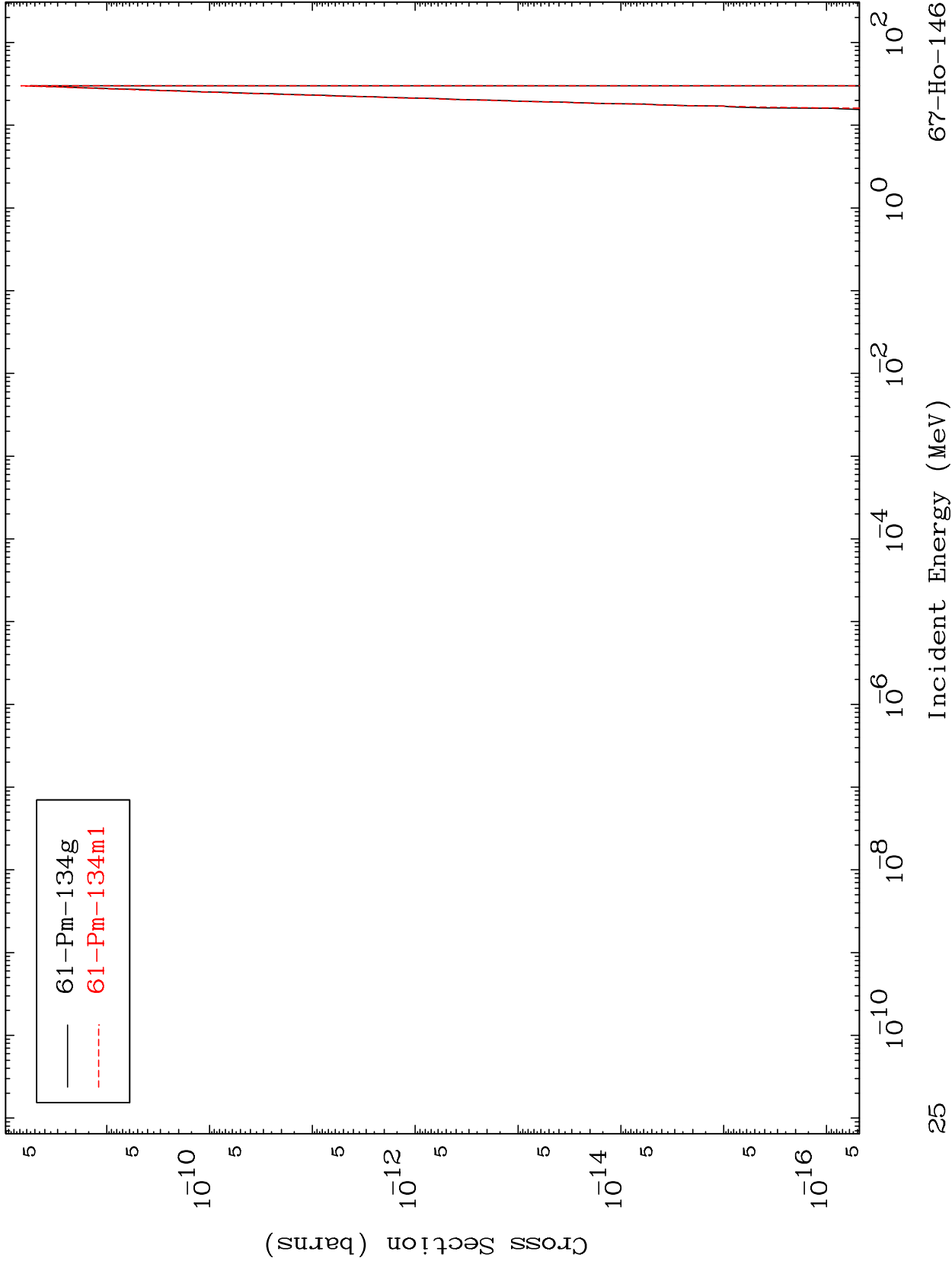


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(n,n') 3 α

67-Ho-146

Radionuclide Production Cross Section

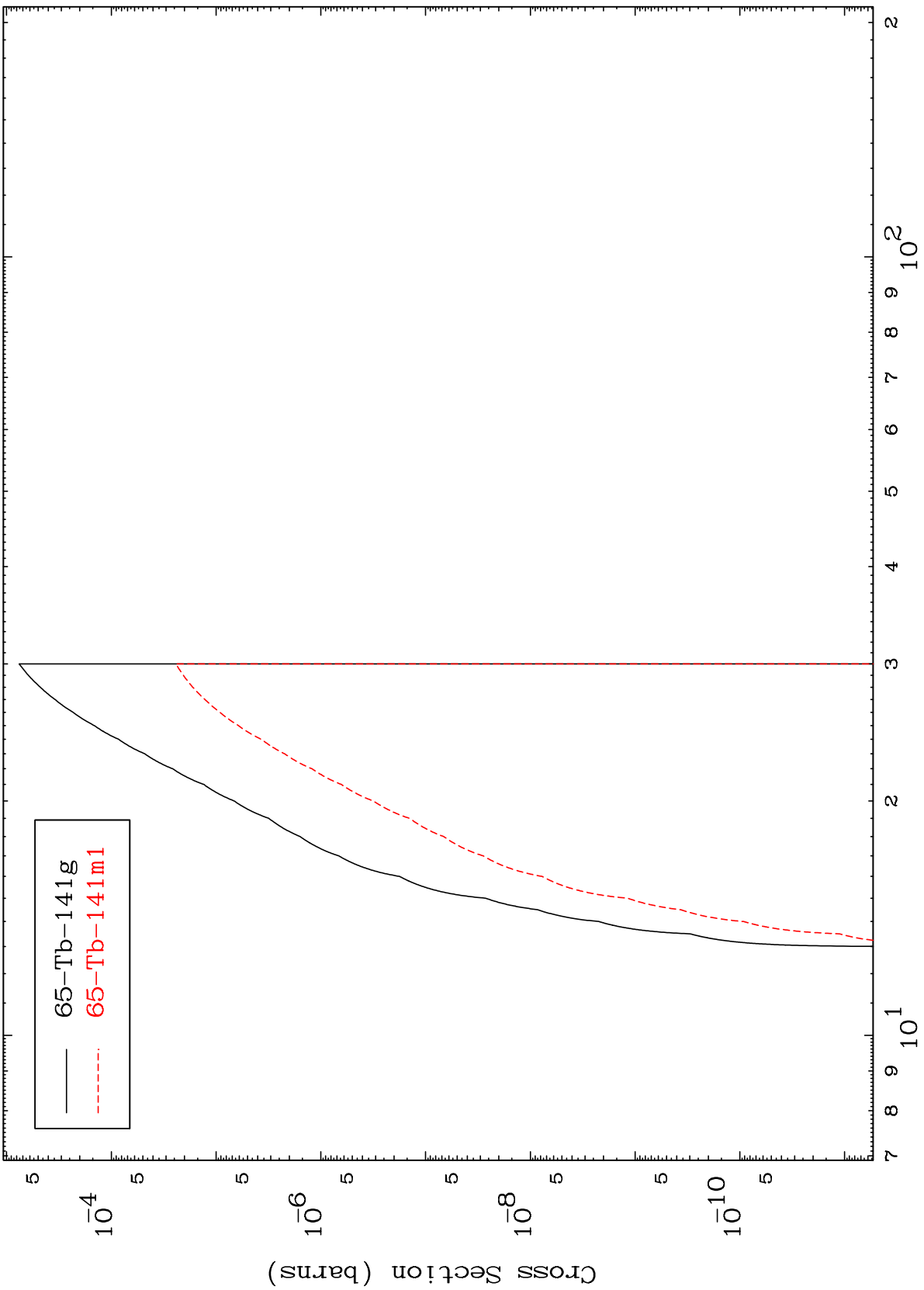


MAT 6668

$(n,2n) \alpha$

67-Ho-146

Radionuclide Production Cross Section



26

Incident Energy (MeV)

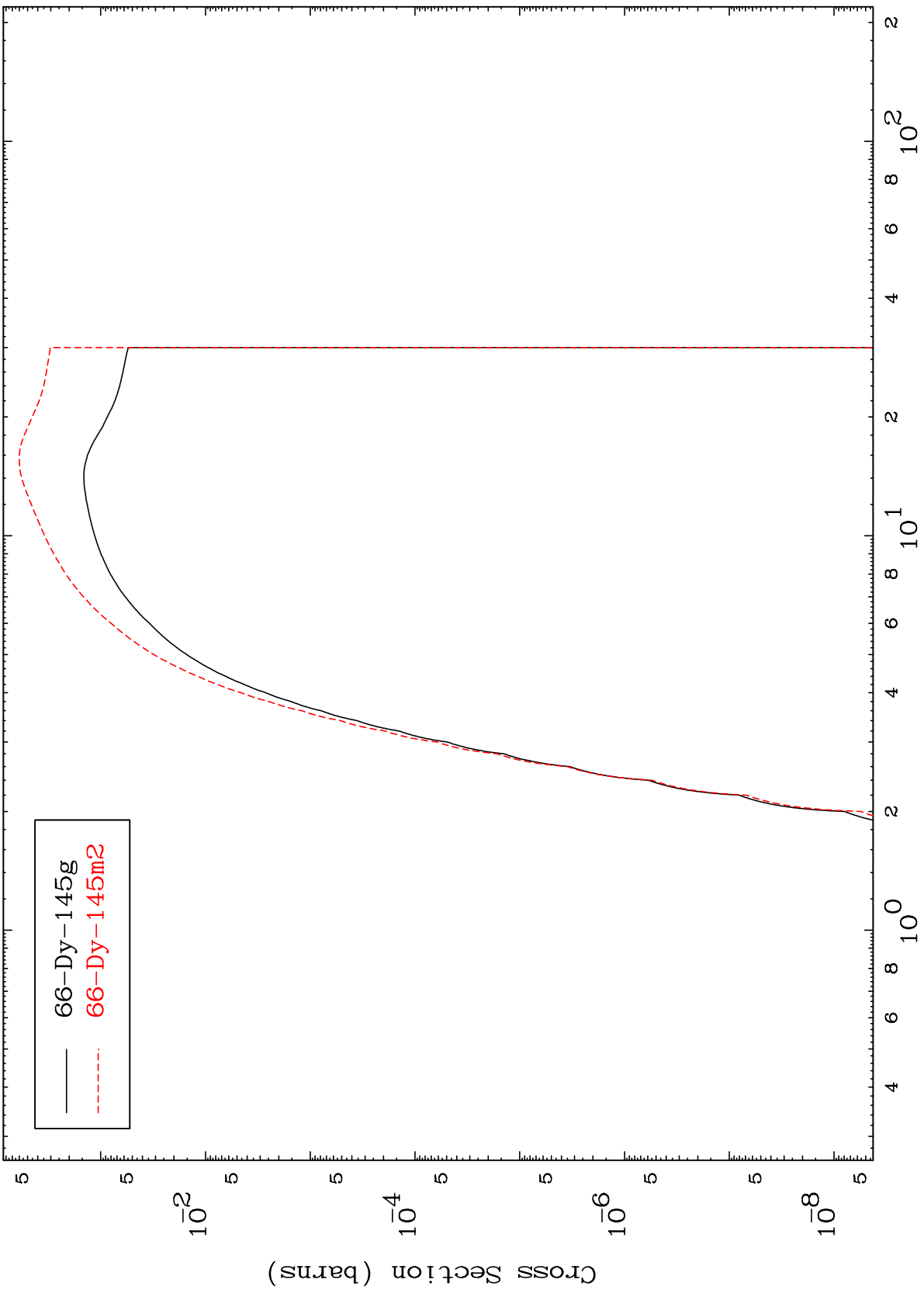
67-Ho-146

MAT 6668

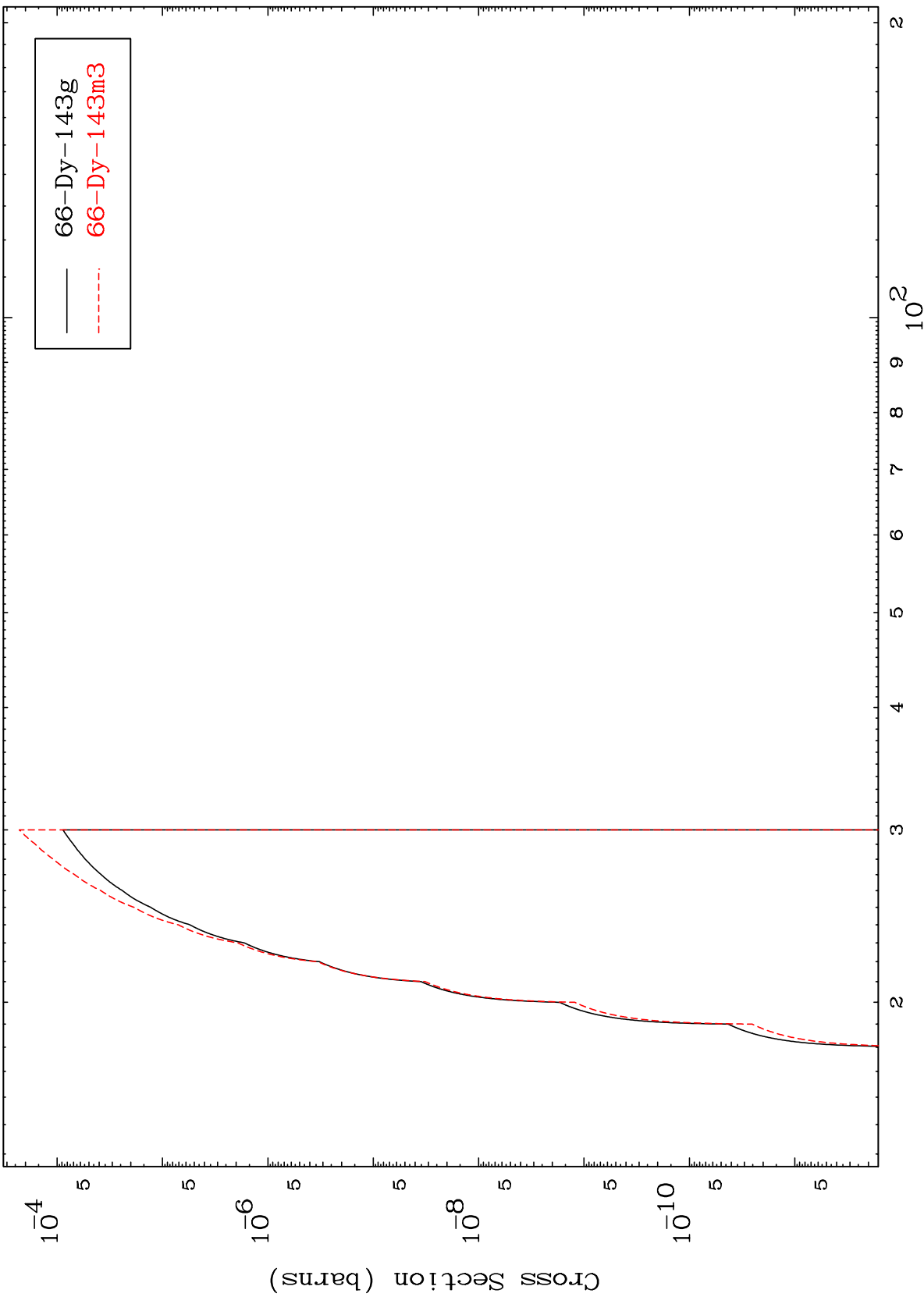
(n,n') p

67-Ho-146

Radionuclide Production Cross Section



Radionuclide Production Cross Section

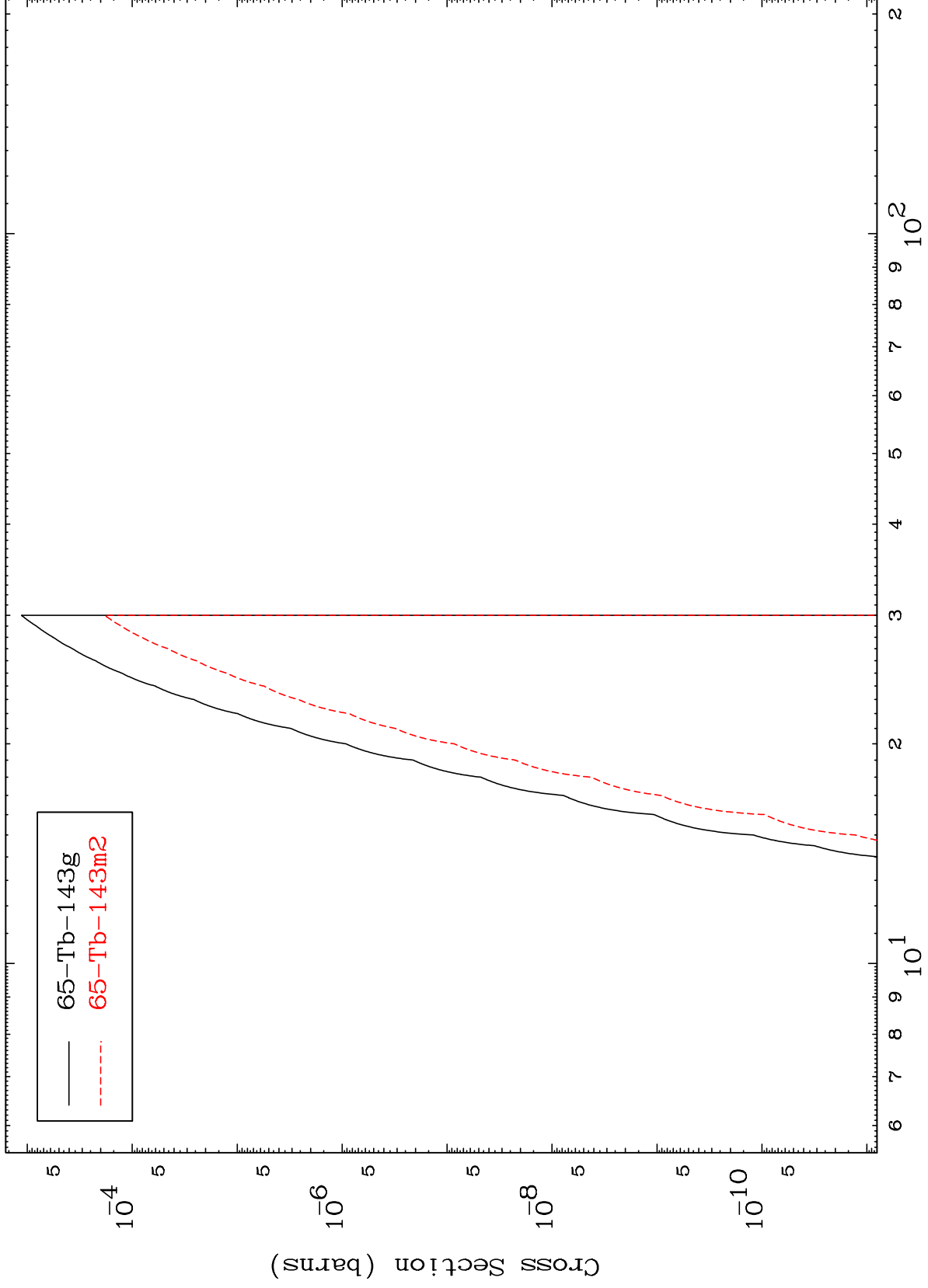


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(n,n') He-3

67-Ho-146

Radionuclide Production Cross Section



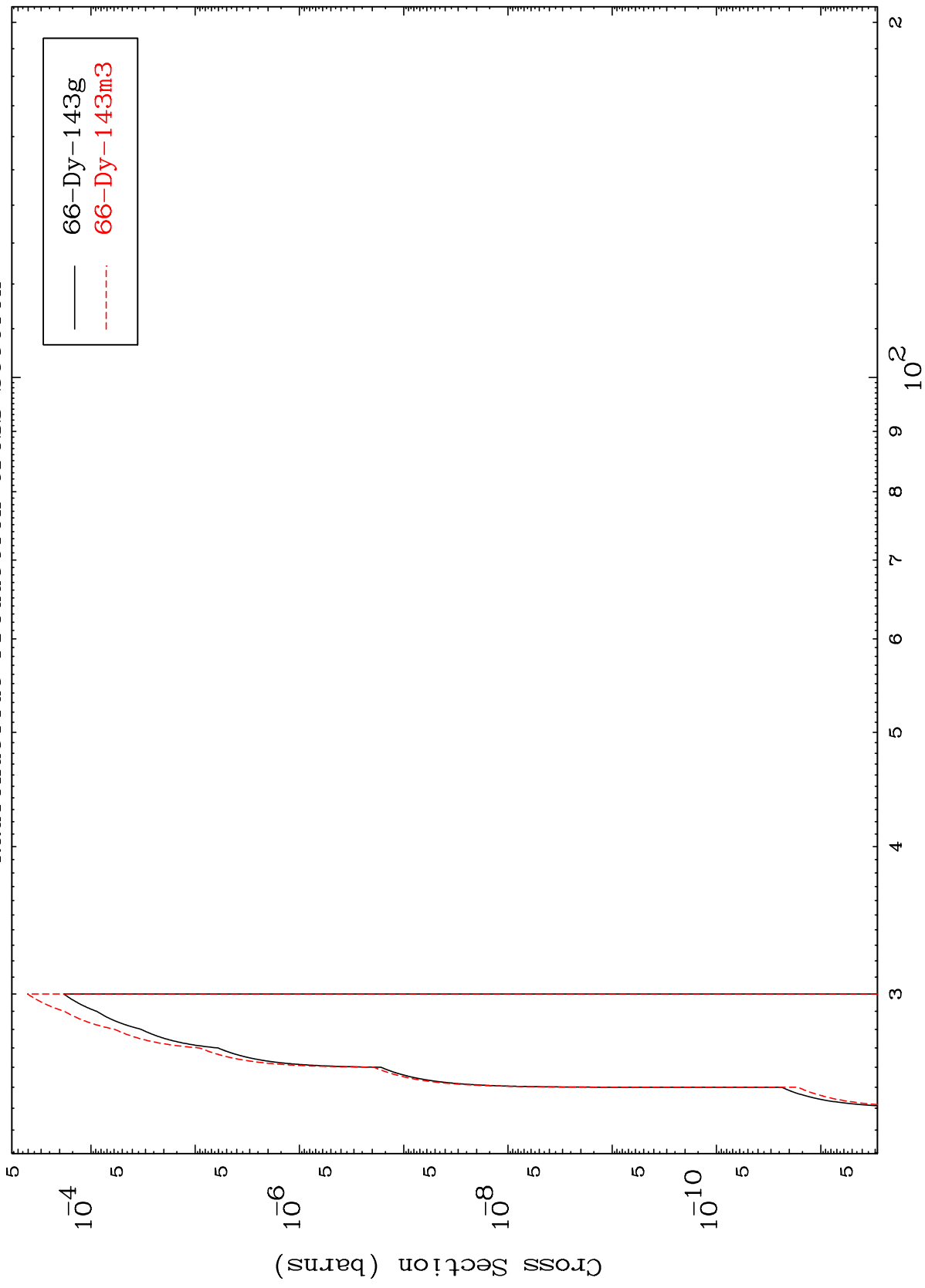
65-Tb-143g
65-Tb-143m2

29

Incident Energy (MeV)

67-Ho-146

Radionuclide Production Cross Section

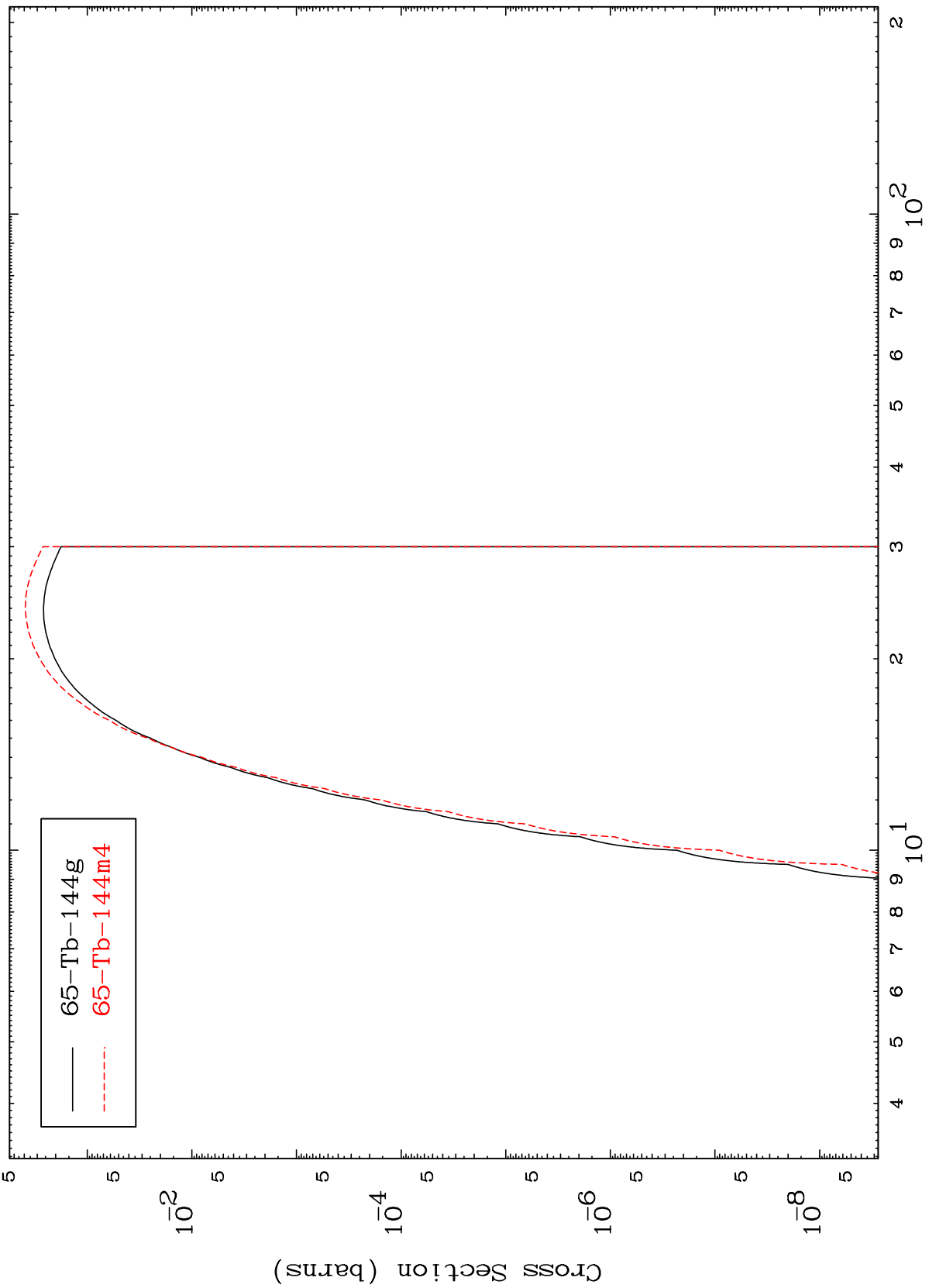


MAT 6668

$(n,2n)$ p

67-Ho-146

Radionuclide Production Cross Section



31

Incident Energy (MeV)

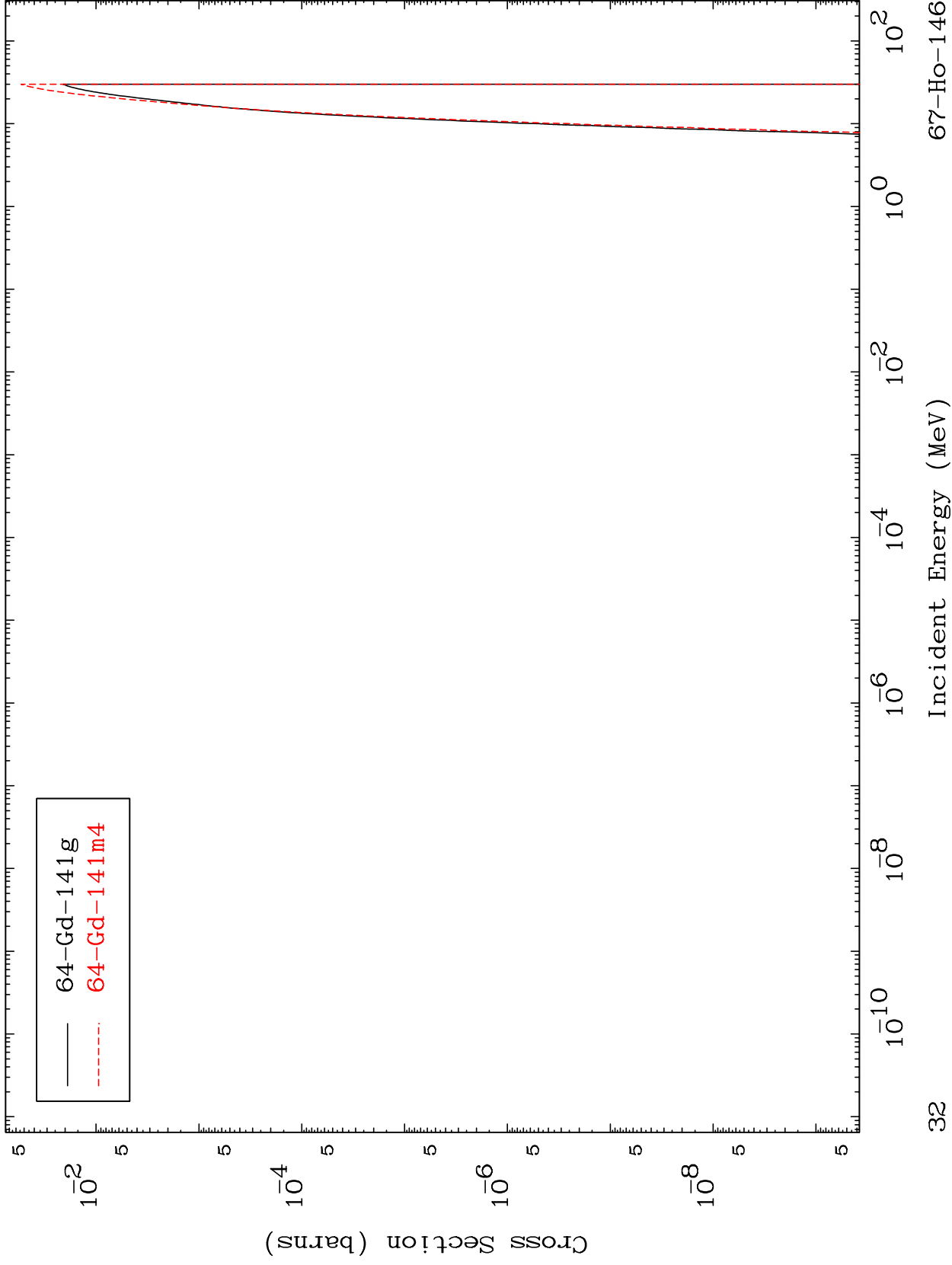
67-Ho-146

MAT 6668

(n,n') p α

67-Ho-146

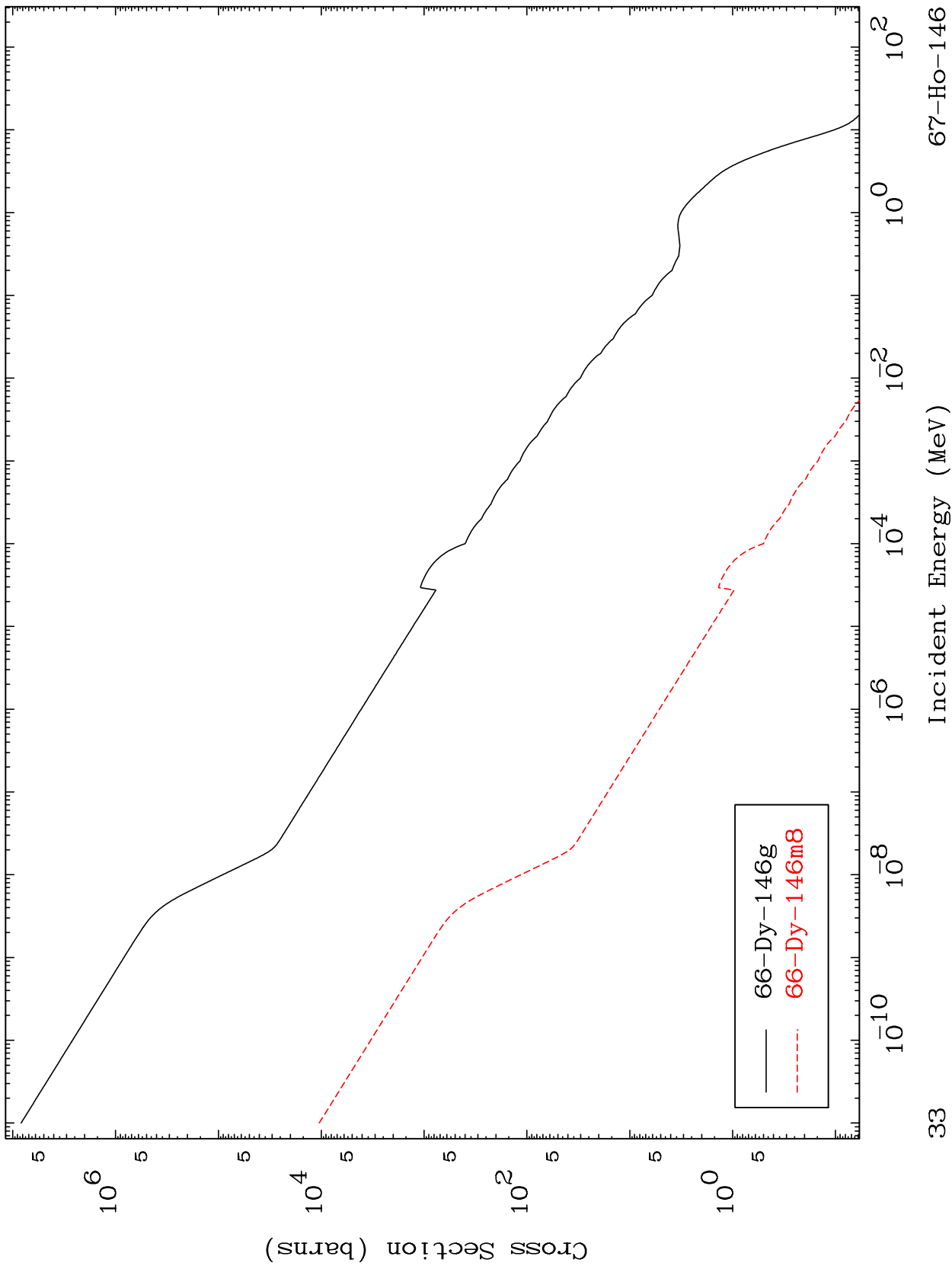
Radionuclide Production Cross Section



MAT 6668

67-Ho-146

(n,p)
Radionuclide Production Cross Section

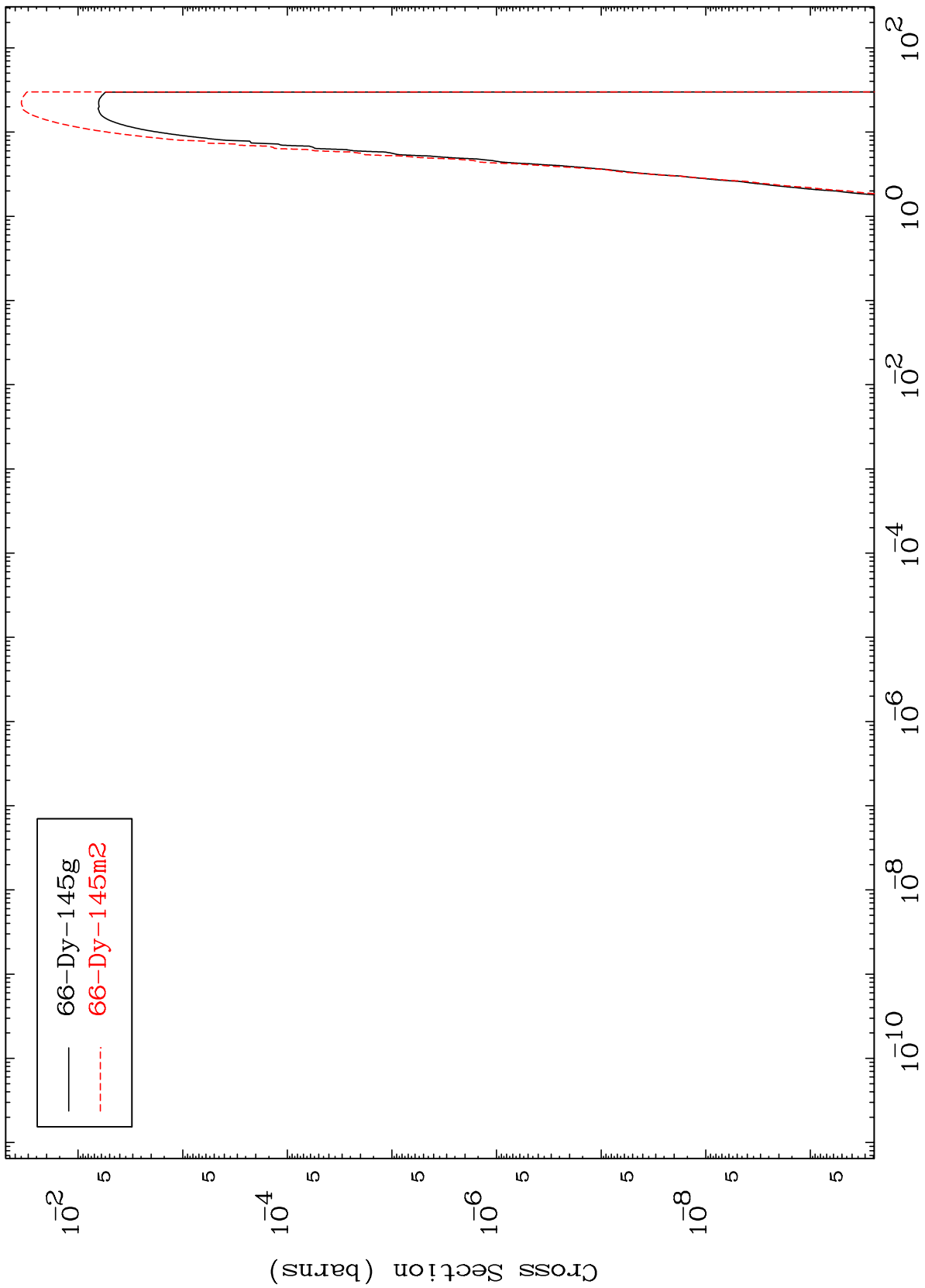


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(n,d)

67-Ho-146

Radionuclide Production Cross Section



— 66-Dy-145g
- - - 66-Dy-145m2

Incident Energy (MeV)

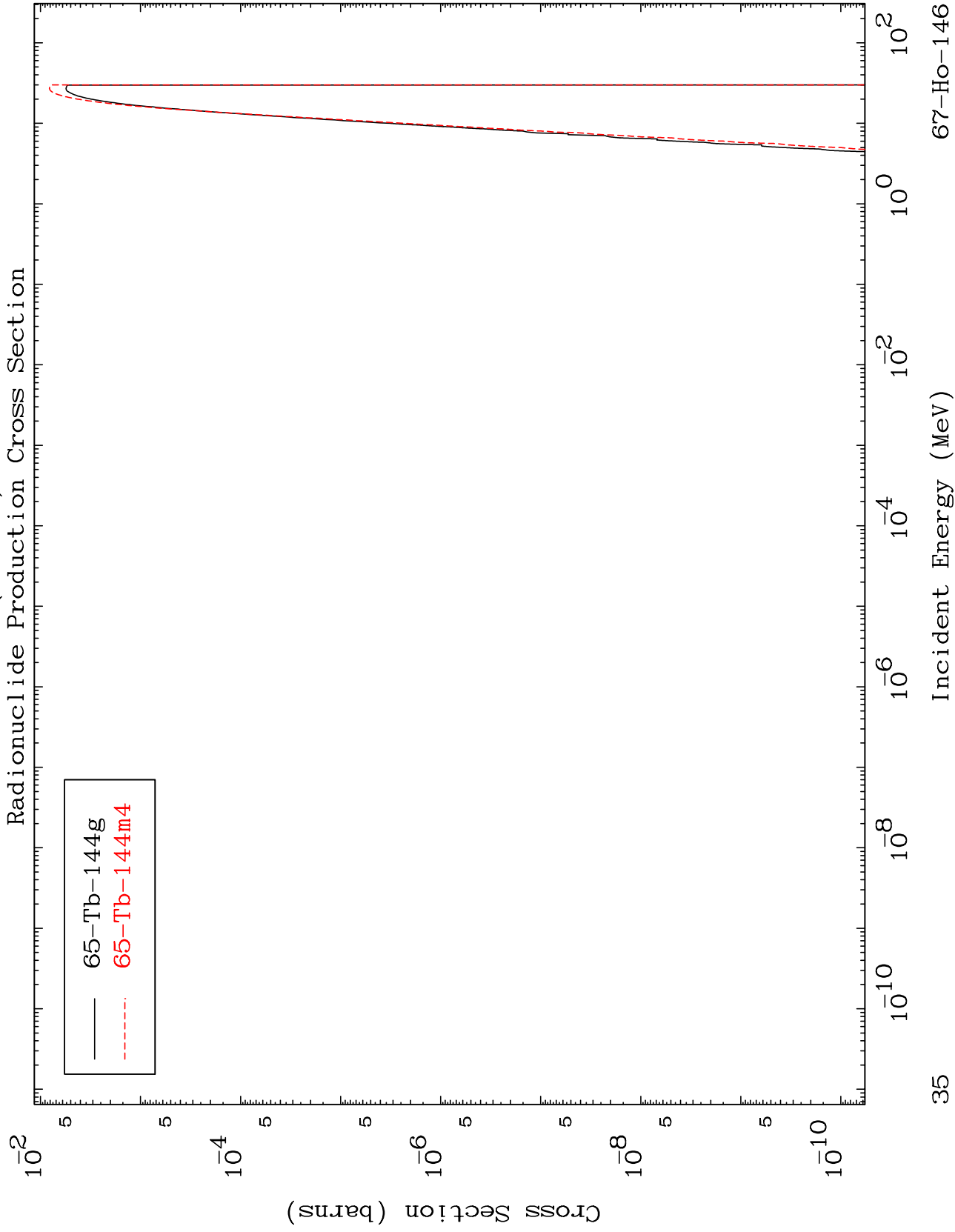
67-Ho-146

MAT 6668

(n,He-3)

67-Ho-146

Radionuclide Production Cross Section



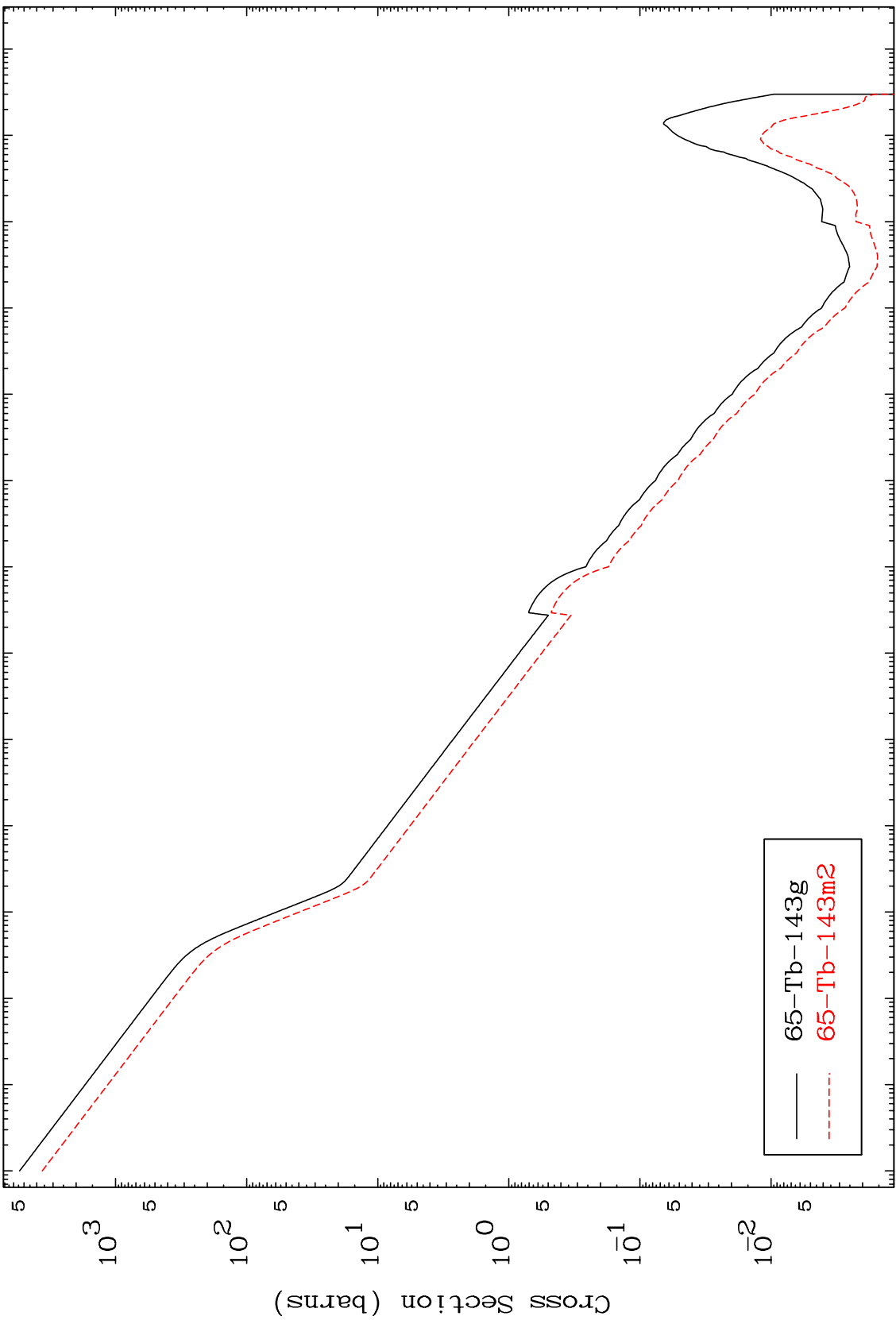
35

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67-Ho-146

Radionuclide Production Cross Section

(n, α)



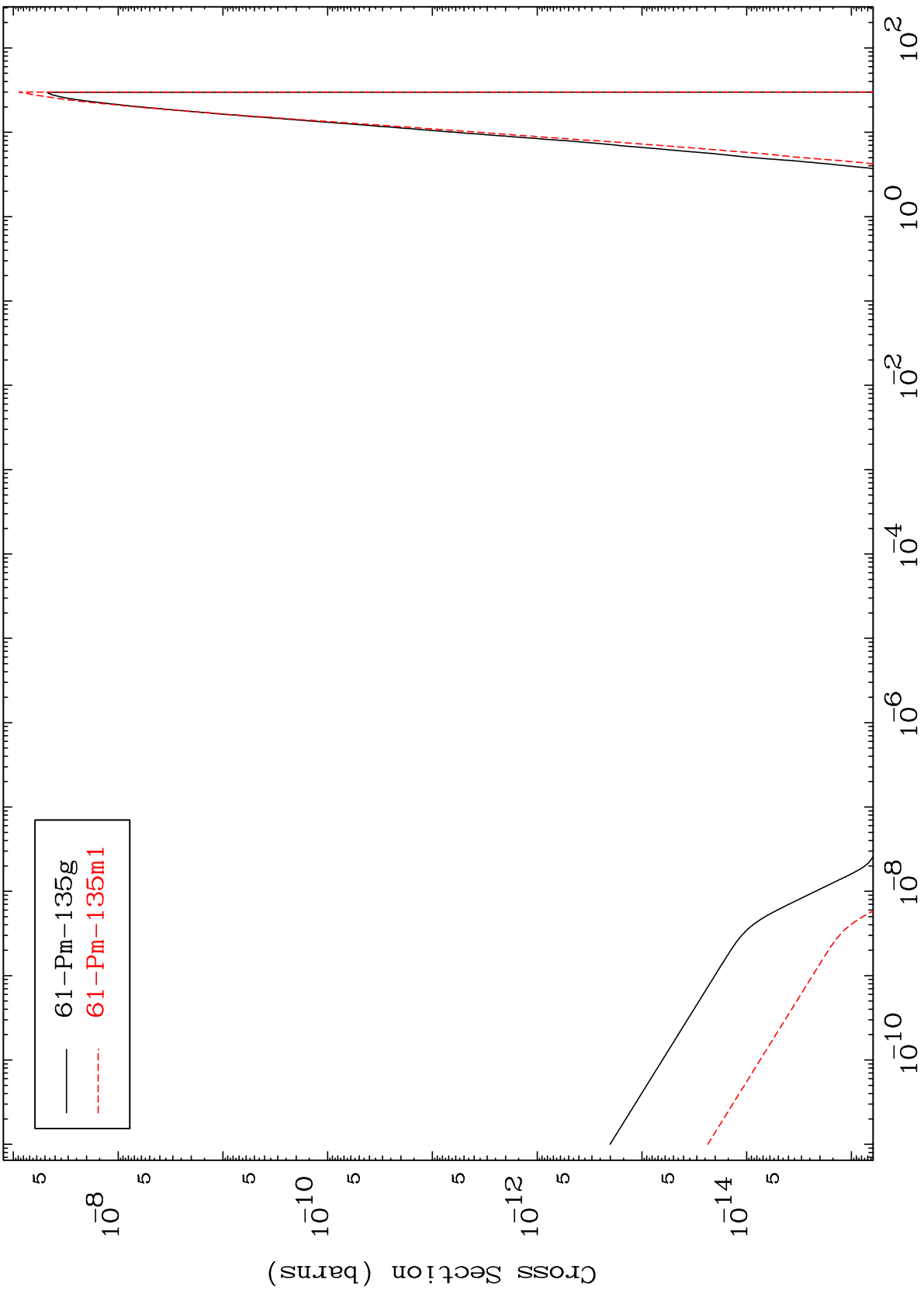
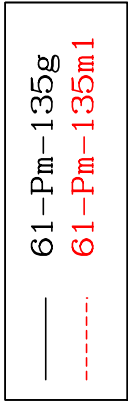
65-Tb-143g
65-Tb-143m2

MAT 6668

(n, 3α)

67-Ho-146

Radionuclide Production Cross Section

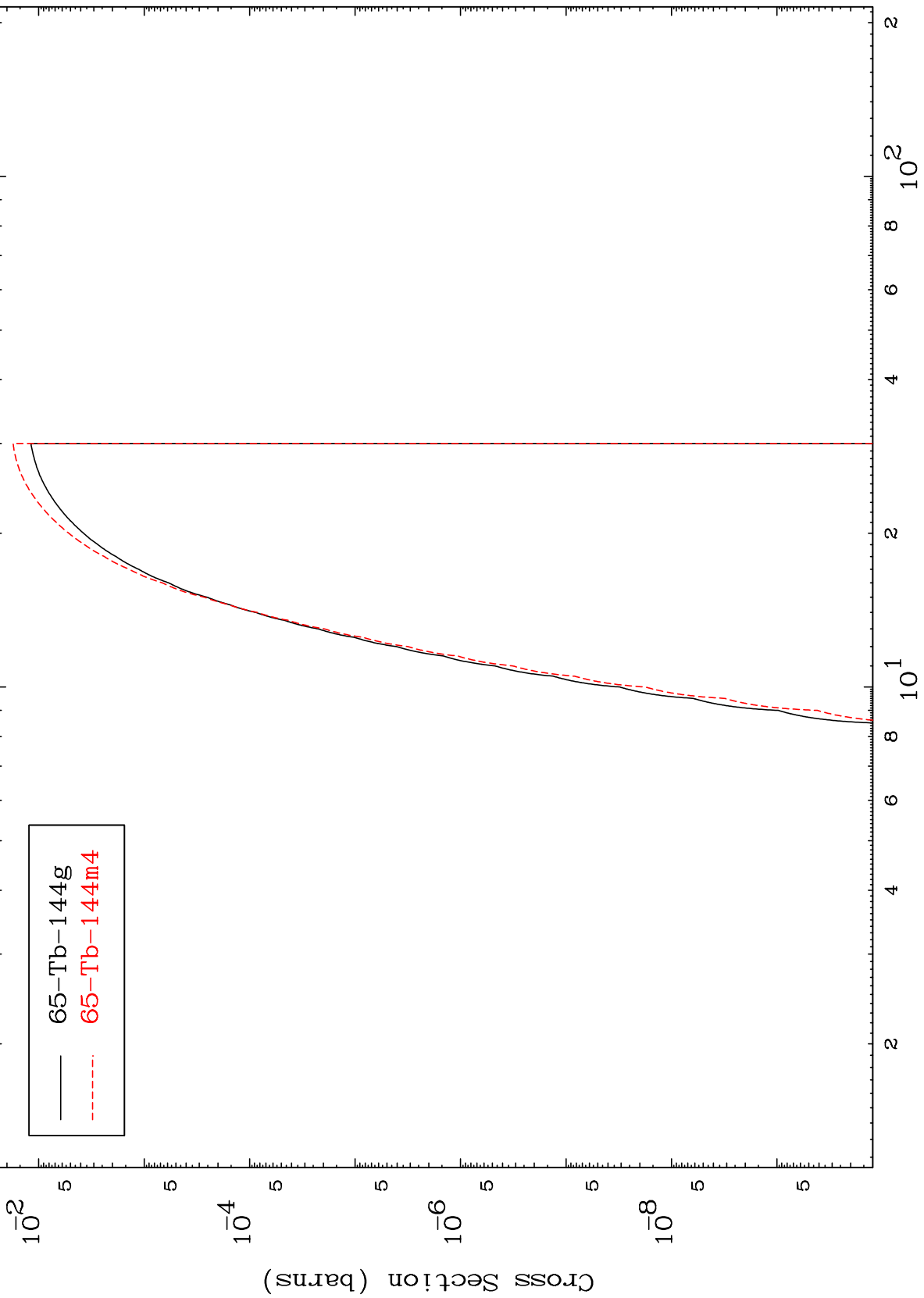


MAT 6668

(n,p) d

⁶⁷Ho-146

Radionuclide Production Cross Section

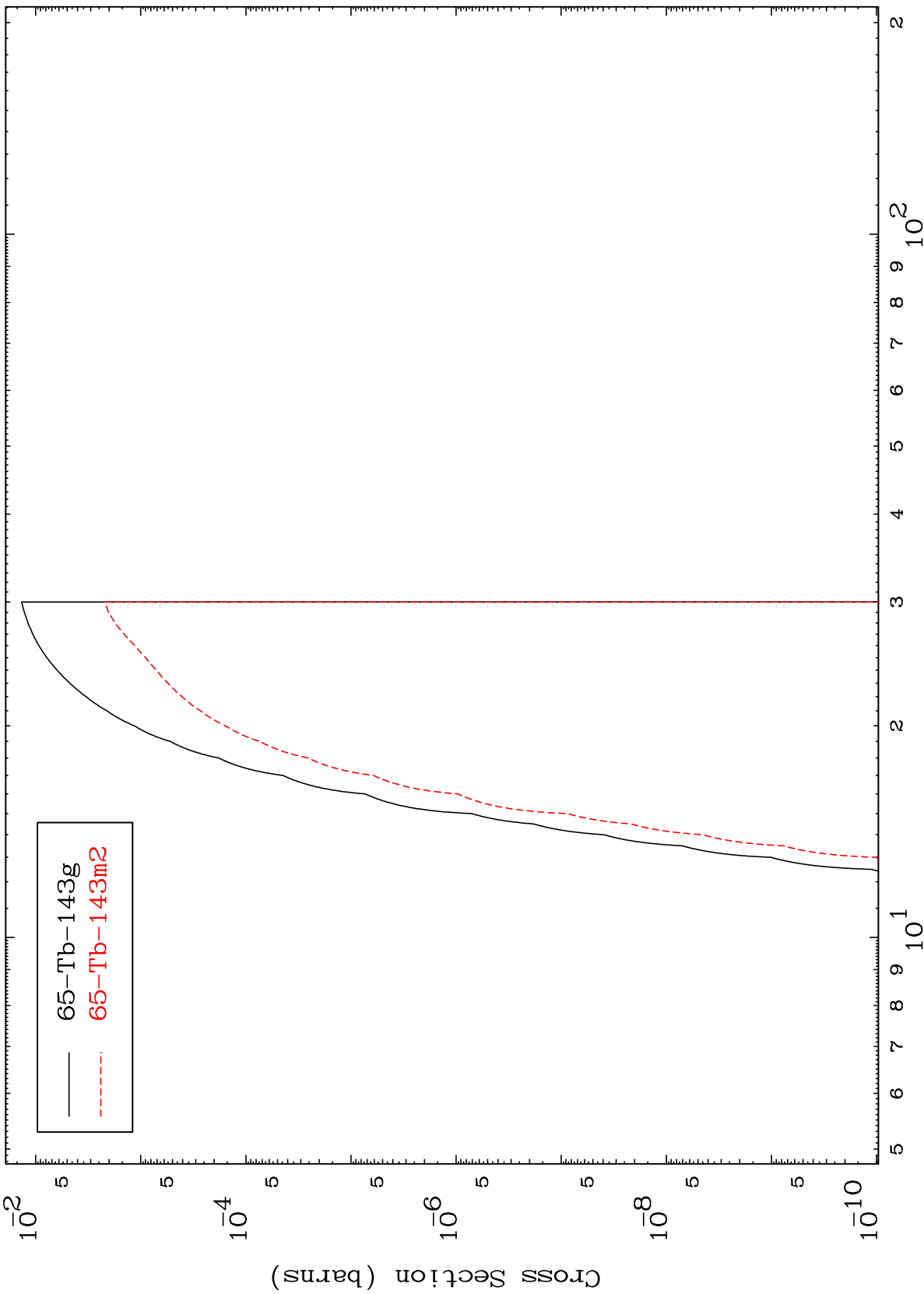


MAT 6668

(n,p) t

67-Ho-146

Radionuclide Production Cross Section



65-Tb-143g
65-Tb-143m2

39

Incident Energy (MeV)

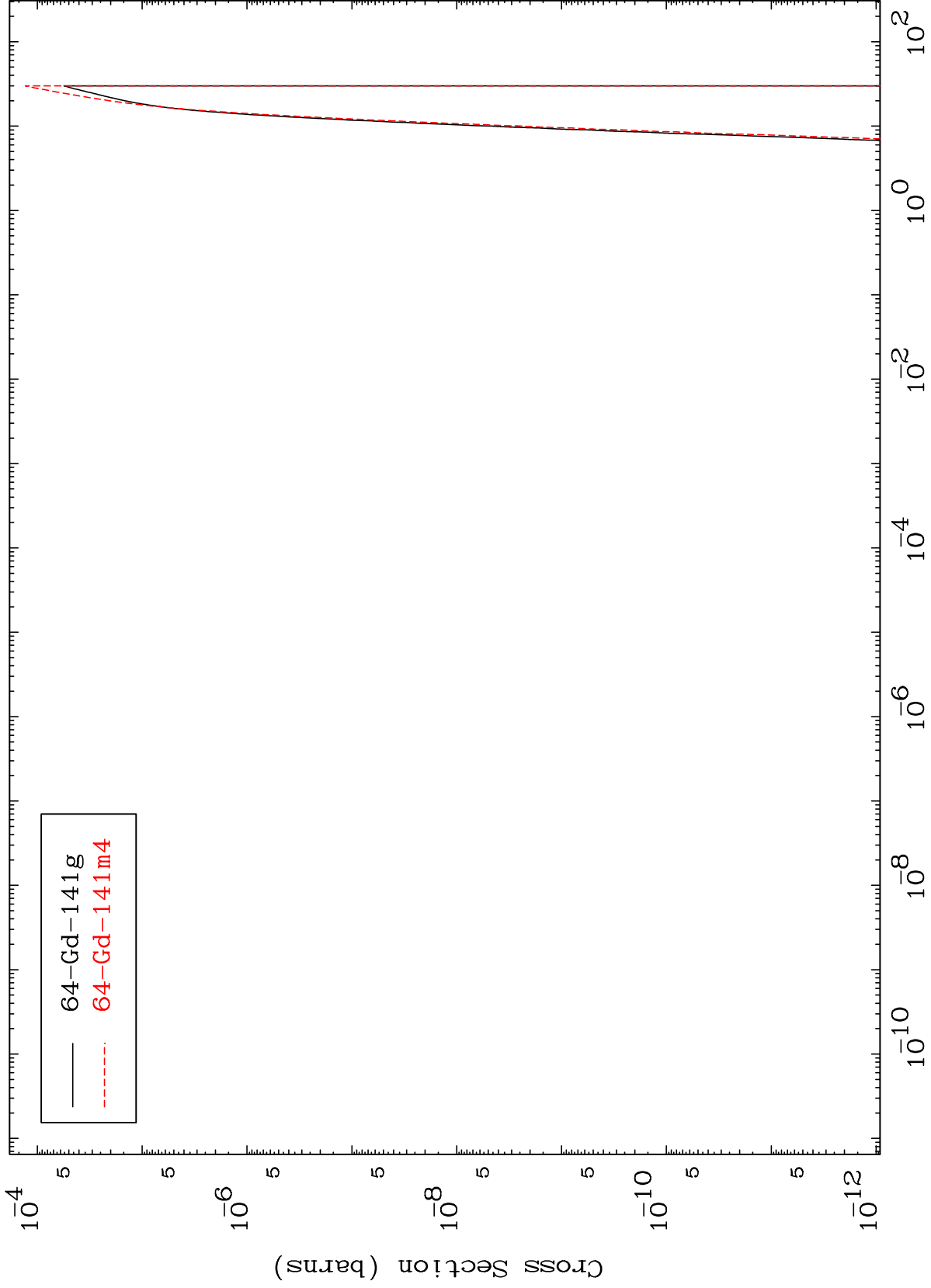
67-Ho-146

MAT 6668

(n,d) α

$^{67}\text{Ho-146}$

Radionuclide Production Cross Section



40

Incident Energy (MeV)

$^{67}\text{Ho-146}$